Appendix B

Air Quality and Greenhouse Gas Emissions Analysis

Air Quality and Greenhouse Gas Emissions Analysis Technical Report for the Meadows at Bailey Canyon Specific Plan Project City of Sierra Madre, California

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
°C	degrees Celsius
°F	degrees Fahrenheit
µg/m³	micrograms per cubic meter
AB	Assembly Bill
ADMRT	Air Dispersion and Risk Tool
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
amsl	above mean sea level
AQMP	Air Quality Management Plan
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CALGreen	California's Green Building Standards
CALINE4	California LINE Source Dispersion Model
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	climate action plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAT	Climate Action Team
CDPH	California Department of Public Health
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CH$_4$	methane
City	City of Sierra Madre
C/M1	commercial manufacturing
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO$_2$	carbon dioxide
CPUC	California Public Utilities Commission
DPM	diesel particulate matter
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EV	electric vehicle
GHG	greenhouse gas
GWP	global warming potential
H$_2$S	hydrogen sulfide
HAP	hazardous air pollutant
HARP2	Hotspots Analysis and Reporting Program Version 2
HFC	hydrofluorocarbon
HRA	health risk assessment
HVAC	heating, ventilation, and air conditioning
I	Interstate

Acronym/Abbreviation	Definition
IPCC	Intergovernmental Panel on Climate Change
ITE	Institute of Transportation Engineers
LCFS	Low Carbon Fuel Standard
LED	light emitting diode
LOS	level of service
LST	localized significance thresholds
MM	Mitigation Measure
MMT	million metric ton
MT CO$_2$e	metric tons of CO$_2$ equivalent
N$_2$O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NF$_3$	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NO$_2$	nitrogen dioxide
NO$_x$	oxides of nitrogen
O$_3$	ozone
OEHHA	Office of Environmental Health Hazard Assessment
PDF	project design feature
PeMS	Caltrans Performance Measurement System
PF	public facilities
PFC	perfluorocarbon
PM$_{10}$	particulate matter with an aerodynamic diameter less than or equal to 10 microns
PM$_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
ppb	parts per billion
ppm	parts per million
PV	photovoltaic
RCP	Regional Comprehensive Plan
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
SF$_6$	sulfur hexafluoride
SLCP	short-lived climate pollutant
SO$_2$	sulfur dioxide
SO$_4$	sulfates
SO$_x$	sulfur oxides
SRA	source-receptor area
TAC	toxic air contaminants
TIA	Transportation Impact Analysis

Acronym/Abbreviation	Definition
TRU	transport refrigeration unit
UNFCCC	United Nations Framework Convention on Climate Change
USGS	United States Geological Survey
VOC	volatile organic compound
ZNE	zero net energy

Executive Summary

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with implementation of the proposed Meadows Specific Plan Project (project). This assessment utilizes the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.).

Project Overview

The proposed project would involve development of 42 detached single-family residential units and a 3.5-acre dedicated neighborhood park, within the 18-acre project. Additional community benefits will include a net-zero water impact, street improvements, underground utilities, and establishing a dedicated funding source for long-term park maintenance. The proposed project components are outlined in greater detail below. In addition, the proposed project includes a 45-acre Open Space Area, located on the hillside to the north of the project and the existing Mater Dolorosa Retreat Center, which would be dedicated to the City of Sierra Madre.

The project site is located within the South Coast Air Basin (SCAB) and is under the jurisdiction of the South Coast Air Quality Management District (SCAQMD). Construction and operational criteria air pollutant and GHG emissions were estimated using the California Emissions Estimator Model (CalEEMod) Version 2016.3.2, consistent with SCAQMD guidance.

Air Quality

The air quality impact analysis evaluated the potential for adverse impacts to air quality due to construction and operational emissions resulting from the project. Impacts were evaluated for their significance based on the SCAQMD mass daily criteria air pollutant thresholds of significance (SCAQMD 1993, as revised in March 2015). Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. Criteria air pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Pollutants that are evaluated include volatile organic compounds (VOCs) (also referred to as reactive organic gases), oxides of nitrogen (NO_x), CO, sulfur oxides (SO_x), PM_{10}, and $PM_{2.5}$. VOCs and NO_x are important because they are precursors to O_3.

Air Quality Plan Consistency

Implementation of the project would not exceed the demographic growth forecasts in the Southern California Association of Governments (SCAG) 2016 Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS); therefore, the project would be consistent with the SCAQMD 2016 Air Quality Management Plan (AQMP), which based future emission estimates on the SCAG 2016 RTP/SCS. The Project would not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations. Therefore, the project would have a less than significant impact.

Cumulative Impacts

The potential for the project to result in a cumulatively considerable impact, per the SCAQMD guidance and thresholds, is based on the project's potential to exceed the project-specific daily thresholds. Construction of the project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). Estimated maximum daily construction emissions would not exceed the SCAQMD significance thresholds for VOC, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ during construction in all construction years (2024–2025). Impacts would be less than significant.

Operational year 2026 was assumed upon completion of project construction. Operation of the project would generate operational criteria air pollutants from mobile sources (vehicles), area sources (consumer product use, architectural coatings, landscape maintenance equipment, and energy [natural gas]). Estimated maximum daily operational emissions would not exceed the SCAQMD operational significance thresholds for VOC, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$. Therefore, the project would not result in a cumulatively considerable increase in criteria air pollutants and impacts would be less than significant.

Exposure of Sensitive Receptors

Construction activities would generate emissions of PM_{10} and $PM_{2.5}$ in excess of the SCAQMD site-specific localized significance thresholds (LSTs); therefore, site-specific construction impacts during construction of the project would be potentially significant. With implementation of mitigation measure MM-AQ-1, site-specific construction emissions would not exceed SCAQMD LSTs; therefore, impacts would be less than significant with mitigation.

Operation of the project would not expose sensitive receptors to localized high concentrations of CO or contribute traffic volumes to intersections that would cause a CO hotspot. Therefore, CO hotspot impacts would be less than significant.

Impacts related to cancer risk and chronic hazard from diesel particulate matter (DPM), which is a toxic air contaminant (TAC), would exceed the SCAQMD's health risk thresholds during construction activities; health risk impacts would be potentially significant. With implementation of mitigation measure MM-AQ-1, construction emissions of TACs would not exceed SCAQMD thresholds; therefore, impacts would be less than significant with mitigation.

Other Emissions

Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application, which would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Impacts associated with odors during construction would be less than significant. The project would not include land-use types that would generate odors during operation. Therefore, project operations would result in odor impacts that are less than significant.

Greenhouse Gas Emissions

Global climate change is primarily considered a cumulative impact, but must also be evaluated on a project-level under CEQA. A project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHG emissions. GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations include carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). GHG emissions are measured in metric tons of CO_2 equivalent (MT CO_2e), which account for weighted global warming potential (GWP) factors for CH_4 and N_2O.

Project-Generated Construction and Operational Greenhouse Gas Emissions

Pursuant to SCAQMD recommendation, construction emissions were amortized over a 30-year project lifetime, so that GHG reduction measures will address construction GHG emissions as part of the operational GHG reduction strategies (SCAQMD 2008).

Construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. Total project-generated GHG emissions during construction were estimated to be 1,107 MT CO_2e over the construction period. Estimated project-generated construction emissions amortized over 30 years would be approximately 37 MT CO_2e per year.

The project would generate operational GHG emissions from area sources (landscape maintenance), energy sources (natural gas and electricity), mobile sources, solid waste, and water supply and wastewater treatment. Estimated annual project-generated operational and amortized construction GHG emissions would be approximately 792 MT CO_2e per year. This would be less than the SCAQMD significance threshold of 3,000 MT CO_2e per year. This impact would be less than significant.

Consistency with Applicable Greenhouse Gas Reduction Plans

Development of the project site would be consistent with the City's General Plan; support the SCAG Connect SoCal through incorporation of energy and water-efficient features; and demonstrate consistency with the CARB's Scoping Plan. As such, the project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs and no mitigation is required. This impact would be less than significant.

1   Introduction

1.1   Report Purpose and Scope

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with implementation of the proposed Meadows Specific Plan Project (project). This assessment uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.), and is based on the emissions-based significance thresholds recommended by the South Coast Air Quality Management District (SCAQMD) and other applicable thresholds of significance.

This introductory section provides a description of the project and the project location. Chapter 2, Air Quality, describes the air quality–related environmental setting, regulatory setting, existing air quality conditions, and thresholds of significance and analysis methodology, and presents an air quality impact analysis per Appendix G of the CEQA Guidelines. Chapter 3, Greenhouse Gas Emissions, follows the same format as Chapter 2 and similarly describes the GHG emissions–related environmental setting, regulatory setting, existing climate changes conditions, and thresholds of significance and analysis methodology, and presents a GHG emissions impact analysis per Appendix G of the CEQA Guidelines. Chapter 4, References Cited, includes a list of the references cited. Chapter 5, List of Preparers, includes a list of those who prepared this technical report.

1.2   Regional and Local Setting

NUWI Sierra Madre LLC is proposing to develop an approximately 18-acre site (Assessor's Parcel Number 5761-002-008) located at 700 North Sunnyside Avenue. The project site is located within the northwestern portion of the City of Sierra Madre (City), within the County of Los Angeles (County), California. The northwestern portion of the project site borders the City of Pasadena, while the San Gabriel Mountains are located approximately one mile north of the site.

The site is surrounded by the Bailey Canyon and Bailey Canyon Wilderness Park to the east, and existing single-family residential development to the south and west, and the Mater Dolorosa Retreat Center, which is primarily used to host religious and silent retreats and other activities, to the north. It should be noted that the Mater Dolorosa Retreat Center is on the same parcel as the project site and there is an access road through the site to the Mater Dolorosa Retreat Center. However, the Mater Dolorosa Retreat Center is not a part of the proposed project site.

General Plan and Zoning

The proposed project would include amendments to the General Plan, Zoning Code, Zoning and Land Use maps, and approval of the Specific Plan. The project site currently has a zoning and land use designation of Institutional Land (City of Sierra Madre 2015 and 2017). The General Plan and Zoning Code amendments would primarily change this land use designation to allow for Residential, Institutional, Civic/City Park, and Open Space uses on the project site. The approval of the Specific Plan would provide zoning and development standards that allow for greater gross floor area, lot coverage, reduced parking requirements and setback standards for the new residential development parcels.

1.3   Project Description

The project is the adoption of the Specific Plan which would provide zoning and development standards for future development of the 17.35 acre project site. The Specific Plan provides for two land uses on the project site: single family residential development and open space/neighborhood park. The Specific Plan's residential component will provide for the development of 42 detached single-family dwellings ranging from 2,700 to 3,800 square feet with a minimum lot size of 8,500 square feet. The overall density of the project is approximately 2.5 dwelling units per acre. The proposed residences would be one to two stories. The proposed residential area would make up approximately 9.11 acres of the project site.

The Specific Plan also includes an approximately 3.03-acre dedicated neighborhood public park at the southernmost portion of the project site. The proposed park would feature resilient play surfacing, a slope slide, a play structure and features, seat walls, benches, picnic areas, large turf areas, a parking lot, decomposed granite trail, and a water quality treatment and detention basin. The proposed public park's location along the southern boundary of the site provides enhanced connectivity to the Bailey Canyon Wilderness Park to the east. Pedestrian access to the Bailey Canyon Wilderness Park and trail would be enhanced through a pedestrian path in the southeast corner of the project site. The location also provides the closest access to existing residential uses and serves as a buffer to existing homes, ensuring compatibility between existing uses and the proposed development. Additionally, The Specific Plan provides for development of approximately 0.33 acres of passive open space located to the east of Sunnyside Avenue and west of Carter Avenue. In addition to the 3.36 acres of open space and neighborhood park on the project site, the proposed project also proposes dedication to the City of approximately 45 acres of open space hillside land north of the existing Mater Dolorosa Retreat Center.

The project site is located approximately 1.6 miles north of Interstate 210 (I-210), which runs east to west, and approximately 1.7 miles north of State Route 164 (SR 164), which runs north to south. These highways provide regional access to the project site. The site is directly accessible by two existing roadways, North Sunnyside Avenue, a north-south road currently ending on the southern side of the site, and Carter Avenue, an east-west road currently ending on the south-east corner of the site. Access to the project site would remain unchanged with implementation of the proposed project. However, some modifications to North Sunnyside Avenue and Carter Avenue are proposed.
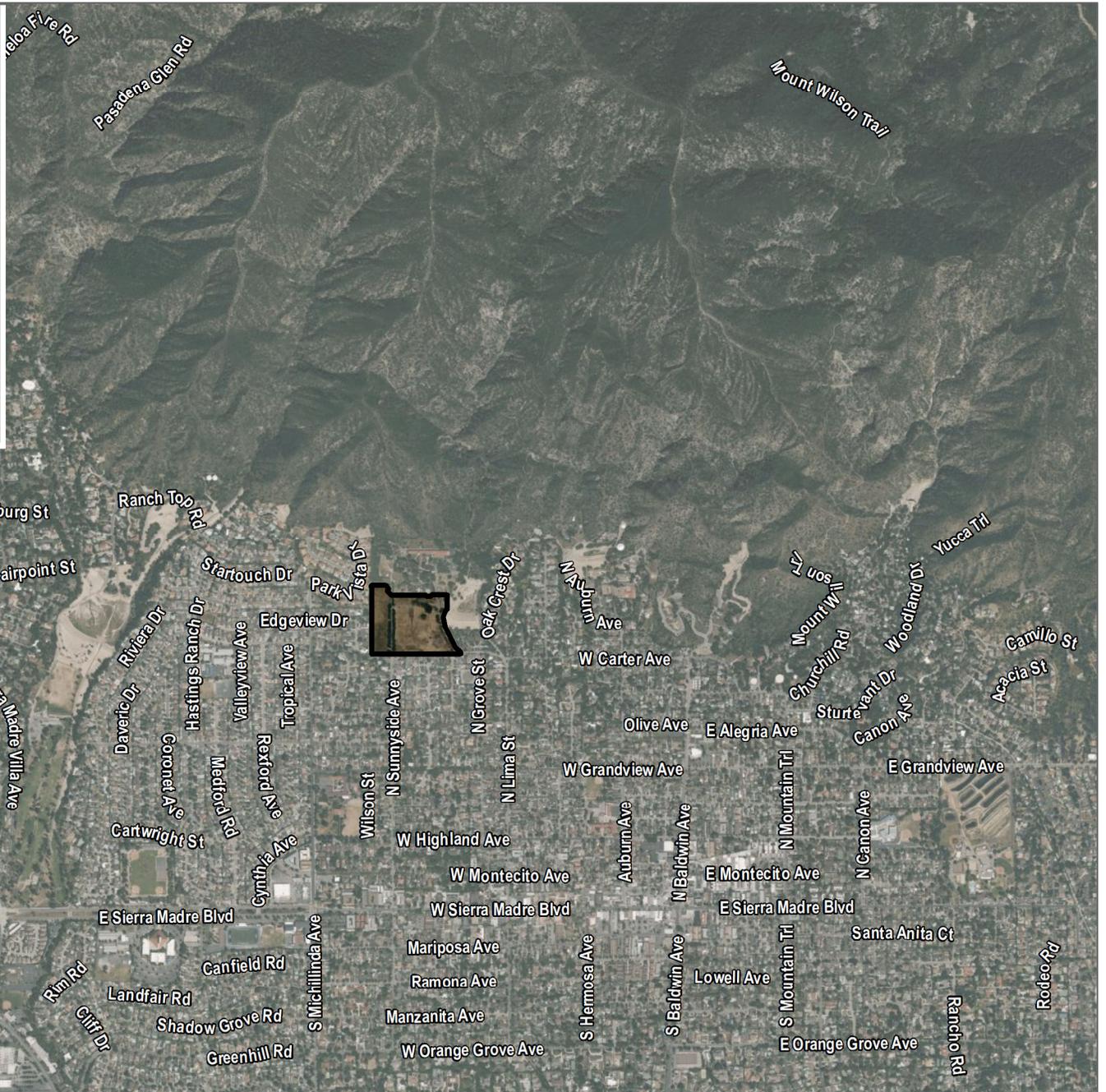
SOURCE: County of Los Angeles 2020; Bing Maps

FIGURE 1

Project Location

The Meadows at Bailey Canyon EIR

DUDEK

0   1,000   2,000 Feet

2 Air Quality

2.1 Environmental Setting

As stated previously, the project site is located within the SCAB. The SCAB is a 6,745-square-mile area bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east.

2.1.1 Meteorological and Topographical Conditions

The primary factors that determine air quality are the locations of air pollutant sources and the amount of pollutants emitted. Meteorological and topographical conditions, however, are also important. Factors such as wind speed and direction, air temperature gradients and sunlight, and precipitation and humidity interact with physical landscape features to determine the movement and dispersal of air pollutants. The SCAB's air pollution problems are a consequence of the combination of emissions from the nation's second largest urban area, meteorological conditions adverse to the dispersion of those emissions, and mountainous terrain surrounding the SCAB that traps pollutants as they are pushed inland with the sea breeze (SCAQMD 2017a). Meteorological and topographical factors that affect air quality in the SCAB are described below.[1]

Climate

The SCAB is characterized as having a Mediterranean climate (typified as semiarid with mild winters, warm summers, and moderate rainfall). The general region lies in the semi-permanent high-pressure zone of the eastern Pacific; as a result, the climate is mild and tempered by cool sea breezes. The usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds. The extent and severity of the air pollution problem in the SCAB is a function of the area's natural physical characteristics (e.g., weather and topography) and of manufactured influences (e.g., development patterns and lifestyle). Moderate temperatures, comfortable humidity, and limited precipitation characterize the climate in the SCAB. The average annual temperature varies little throughout the SCAB, averaging 75°F. However, with a less-pronounced oceanic influence, the eastern inland portions of the SCAB show greater variability in annual minimum and maximum temperatures. All portions of the SCAB have recorded temperatures over 100°F in recent years. Although the SCAB has a semiarid climate, the air near the surface is moist because of the presence of a shallow marine layer. Except for infrequent periods when dry air is brought into the SCAB by offshore winds, the ocean effect is dominant. Periods with heavy fog are frequent, and low stratus clouds, occasionally referred to as "high fog," are a characteristic climate feature. Annual average relative humidity is 70% at the coast and 57% in the eastern part of the SCAB. Precipitation in the SCAB is typically 9–14 inches annually and is rarely in the form of snow or hail because of typically warm weather. The frequency and amount of rainfall is greater in the coastal areas of the SCAB.

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[1] The discussion of meteorological and topographical conditions of the SCAB is based on information provided in the *Final 2016 Air Quality Management Plan* (SCAQMD 2017a).

In the City, the climate is typically warm during summer when temperatures tend to be in the 80s and cool during winter when temperatures tend to be in the 50s. The warmest month of the year is August with an average maximum temperature of 88.5°F; whereas, the coldest month of the year is January with an average minimum temperature of 45.1°F. The wettest month of the year is January with an average rainfall of 4.93 inches (WRCC 2020).

Sunlight

The presence and intensity of sunlight are necessary prerequisites for the formation of photochemical smog. Under the influence of the ultraviolet radiation of sunlight, certain "primary" pollutants (mainly reactive hydrocarbons and oxides of nitrogen (NO_x)[2]) react to form "secondary" pollutants (primarily oxidants). Since this process is time dependent, secondary pollutants can be formed many miles downwind of the emission sources. Southern California also has abundant sunshine, which drives the photochemical reactions that form pollutants such as ozone (O_3) and a substantial portion of fine particulate matter ($PM_{2.5}$, particles less than 2.5 microns in diameter). In the SCAB, high concentrations of O_3 are normally recorded during the late spring, summer, and early autumn months, when more intense sunlight drives enhanced photochemical reactions. Due to the prevailing daytime winds and time-delayed nature of photochemical smog, oxidant concentrations are highest in the inland areas of Southern California.

Temperature Inversions

Under ideal meteorological conditions and irrespective of topography, pollutants emitted into the air mix and disperse into the upper atmosphere. However, the Southern California region frequently experiences temperature inversions in which pollutants are trapped and accumulate close to the ground. The inversion, a layer of warm, dry air overlaying cool, moist marine air, is a normal condition in coastal Southern California. The cool, damp, and hazy sea air capped by coastal clouds is heavier than the warm, clear air, which acts as a lid through which the cooler marine layer cannot rise. The height of the inversion is important in determining pollutant concentration. When the inversion is approximately 2,500 feet above mean sea level (amsl), the sea breezes carry the pollutants inland to escape over the mountain slopes or through the passes. At a height of 1,200 feet amsl, the terrain prevents the pollutants from entering the upper atmosphere, resulting in the pollutants settling in the foothill communities. Below 1,200 feet amsl, the inversion puts a tight lid on pollutants, concentrating them in a shallow layer over the entire coastal basin. Usually, inversions are lower before sunrise than during the daylight hours.

Mixing heights for inversions are lower in the summer and inversions are more persistent, being partly responsible for the high levels of O_3 observed during summer months in the SCAB. Smog in Southern California is generally the result of these temperature inversions combining with coastal day winds and local mountains to contain the pollutants for long periods, allowing them to form secondary pollutants by reacting in the presence of sunlight. The SCAB has a limited ability to disperse these pollutants due to typically low wind speeds and the surrounding mountain ranges.

As with other cities within the SCAB, the City is susceptible to air inversions, which trap a layer of stagnant air near the ground where pollutants are further concentrated. These inversions produce haziness, which is caused by moisture, suspended dust, and a variety of chemical aerosols emitted by trucks, automobiles, furnaces, and other sources. Elevated particles less than 10 microns in diameter (PM_{10}) and $PM_{2.5}$ concentrations can occur in the

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2   NO_x is a general term pertaining to compounds of nitric oxide (NO), nitrogen dioxide (NO_2), and other oxides of nitrogen.

SCAB throughout the year but occur most frequently in fall and winter. Although there are some changes in emissions by day of the week and season, the observed variations in pollutant concentrations are primarily the result of seasonal differences in weather conditions.

2.1.2 Pollutants and Effects

2.1.2.1 Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The federal and state standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include O_3, nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), PM_{10}, $PM_{2.5}$, and lead. These pollutants, as well as toxic air contaminants (TACs), are discussed in the following paragraphs.[3] In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants.

Ozone. O_3 is a strong-smelling, pale blue, reactive, toxic chemical gas consisting of three oxygen atoms. It is a secondary pollutant formed in the atmosphere by a photochemical process involving the sun's energy and O_3 precursors. These precursors are mainly NO_x and VOCs. The maximum effects of precursor emissions on O_3 concentrations usually occur several hours after they are emitted and many miles from the source. Meteorology and terrain play major roles in O_3 formation, and ideal conditions occur during summer and early autumn on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. O_3 exists in the upper atmosphere O_3 layer (stratospheric O_3) and at the Earth's surface in the troposphere (ground-level O_3).[4] The O_3 that EPA and the California Air Resources Board (CARB) regulate as a criteria air pollutant is produced close to the ground level, where people live, exercise, and breathe. Ground-level O_3 is a harmful air pollutant that causes numerous adverse health effects and is thus considered "bad" O_3. Stratospheric, or "good," O_3 occurs naturally in the upper atmosphere, where it reduces the amount of ultraviolet light (i.e., solar radiation) entering the Earth's atmosphere. Without the protection of the beneficial stratospheric O_3 layer, plant and animal life would be seriously harmed.

O_3 in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes (EPA 2013). These health problems are particularly acute in sensitive receptors such as the sick, the elderly, and young children.

Nitrogen Dioxide. NO_2 is a brownish, highly reactive gas that is present in all urban atmospheres. The major mechanism for the formation of NO_2 in the atmosphere is the oxidation of the primary air pollutant nitric oxide, which is a colorless, odorless gas. NO_x plays a major role, together with VOCs, in the atmospheric reactions that produce O_3. NO_x is formed from fuel combustion under high temperature or pressure. In addition, NO_x is an

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[3]   The descriptions of each of the criteria air pollutants and associated health effects are based on the EPA's Criteria Air Pollutants (EPA 2016a) and the CARB Glossary of Air Pollutant Terms (CARB 2016a).

[4]   The troposphere is the layer of the Earth's atmosphere nearest to the surface of the Earth. The troposphere extends outward about 5 miles at the poles and about 10 miles at the equator.

important precursor to acid rain and may affect both terrestrial and aquatic ecosystems. The two major emissions sources are transportation and stationary fuel combustion sources such as electric utility and industrial boilers.

NO_2 can irritate the lungs, cause bronchitis and pneumonia, and lower resistance to respiratory infections (EPA 2016b).

Carbon Monoxide. CO is a colorless, odorless gas formed by the incomplete combustion of hydrocarbon, or fossil fuels. CO is emitted almost exclusively from motor vehicles, power plants, refineries, industrial boilers, ships, aircraft, and trains. In urban areas such as the project location, automobile exhaust accounts for the majority of CO emissions. CO is a nonreactive air pollutant that dissipates relatively quickly; therefore, ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. CO concentrations are influenced by local meteorological conditions—primarily wind speed, topography, and atmospheric stability. CO from motor vehicle exhaust can become locally concentrated when surface-based temperature inversions are combined with calm atmospheric conditions, which is a typical situation at dusk in urban areas from November to February. The highest levels of CO typically occur during the colder months of the year, when inversion conditions are more frequent.

In terms of adverse health effects, CO competes with oxygen, often replacing it in the blood, reducing the blood's ability to transport oxygen to vital organs. The results of excess CO exposure can include dizziness, fatigue, and impairment of central nervous system functions.

Sulfur Dioxide. SO_2 is a colorless, pungent gas formed primarily from incomplete combustion of sulfur-containing fossil fuels. The main sources of SO_2 are coal and oil used in power plants and industries; as such, the highest levels of SO_2 are generally found near large industrial complexes. In recent years, SO_2 concentrations have been reduced by the increasingly stringent controls placed on stationary source emissions of SO_2 and limits on the sulfur content of fuels.

SO_2 is an irritant gas that attacks the throat and lungs and can cause acute respiratory symptoms and diminished ventilator function in children. When combined with particulate matter, SO_2 can injure lung tissue and reduce visibility and the level of sunlight. SO_2 can also yellow plant leaves and erode iron and steel.

Particulate Matter. Particulate matter pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. $PM_{2.5}$ and PM_{10} represent fractions of particulate matter. Coarse particulate matter (PM_{10}) consists of particulate matter that is 10 microns or less in diameter and is about 1/7 the thickness of a human hair. Major sources of PM_{10} include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. Fine particulate matter ($PM_{2.5}$) consists of particulate matter that is 2.5 microns or less in diameter and is roughly 1/28 the diameter of a human hair. $PM_{2.5}$ results from fuel combustion (e.g., from motor vehicles and power generation and industrial facilities), residential fireplaces, and woodstoves. In addition, $PM_{2.5}$ can be formed in the atmosphere from gases such as sulfur oxides (SO_x), NO_x, and VOCs.

$PM_{2.5}$ and PM_{10} pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. $PM_{2.5}$ and PM_{10} can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances such as lead, sulfates, and nitrates can cause lung damage directly or be absorbed into the blood stream, causing damage elsewhere in the body. Additionally, these substances can transport adsorbed gases such as chlorides or ammonium into the lungs, also causing injury. PM_{10} tends to collect in the upper portion of the respiratory system; whereas, $PM_{2.5}$ is so tiny that it can penetrate deeper into the lungs and damage lung tissue. Suspended particulates also damage and discolor surfaces on which they settle and produce haze and reduce regional visibility.

People with influenza, people with chronic respiratory and cardiovascular diseases, and the elderly may suffer worsening illness and premature death as a result of breathing particulate matter. People with bronchitis can expect aggravated symptoms from breathing in particulate matter. Children may experience a decline in lung function due to breathing in PM_{10} and $PM_{2.5}$ (EPA 2009).

Lead. Lead in the atmosphere occurs as particulate matter. Sources of lead include leaded gasoline; the manufacturing of batteries, paints, ink, ceramics, and ammunition; and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phaseout of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phaseout of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emissions sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and, in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood. Such exposures are associated with decrements in neurobehavioral performance, including intelligence quotient performance, psychomotor performance, reaction time, and growth. Children are highly susceptible to the effects of lead.

Volatile Organic Compounds. Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of O_3 are referred to and regulated as VOCs (also referred to as reactive organic gases). Combustion engine exhaust, oil refineries, and fossil-fueled power plants are the sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint.

The primary health effects of VOCs result from the formation of O_3 and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate health standards for VOCs as a group.

2.1.2.2   Non-Criteria Air Pollutants

Toxic Air Contaminants. A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic noncancerous health effects. A toxic substance released into the air is considered a TAC. TACs are identified by federal and state agencies based on a review of available scientific evidence. In the State of California, TACs are identified through

a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere. The law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and area sources such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

Diesel Particulate Matter. Diesel particulate matter (DPM) is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. More than 90% of DPM is less than 1 micrometer in diameter (about 1/70th the diameter of a human hair), and thus is a subset of $PM_{2.5}$ (CARB 2016b). DPM is typically composed of carbon particles ("soot," also called black carbon, or BC) and numerous organic compounds, including over 40 known cancer-causing organic substances. Examples of these chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene (CARB 2016b). The CARB classified "particulate emissions from diesel-fueled engines" (i.e., DPM; 17 CCR 93000) as a TAC in August 1998. DPM is emitted from a broad range of diesel engines: on-road diesel engines of trucks, buses, and cars and off-road diesel engines, including locomotives, marine vessels, and heavy-duty construction equipment, among others. Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with DPM, CARB adopted a diesel risk reduction plan in 2000 (CARB 2000). Because it is part of $PM_{2.5}$, DPM also contributes to the same noncancerous health effects as $PM_{2.5}$ exposure. These effects include premature death; hospitalizations and emergency department visits for exacerbated chronic heart and lung disease, including asthma; increased respiratory symptoms; and decreased lung function in children. Several studies suggest that exposure to DPM may also facilitate development of new allergies (CARB 2016b). Those most vulnerable to noncancerous health effects are children whose lungs are still developing and the elderly who often have chronic health problems.

Odorous Compounds. Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person's reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache). The ability to detect odors varies considerably among the population and overall is subjective. People may have different reactions to the same odor. An odor that is offensive to one person may be perfectly acceptable to another (e.g., coffee roaster). An unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. Known as odor fatigue, a person can become desensitized to almost any odor, and recognition may only occur with an alteration in the intensity. The occurrence and

severity of odor impacts depend on the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of receptors.

Valley Fever. Coccidioidomycosis, more commonly known as "valley fever," is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. When fungal spores are present, any activity that disturbs the soil, such as digging, grading, or other earth-moving operations, can cause the spores to become airborne and thereby increase the risk of exposure. The ecologic factors that appear to be most conducive to survival and replication of the spores are high summer temperatures, mild winters, sparse rainfall, and alkaline sandy soils.

Valley fever is not considered highly endemic to Los Angeles County. Per the County of Los Angeles Department of Public Health, the total number of cases in the City for coccidioidomycosis cases is 43 in 2017, or 9.2 cases per 100,000 people per year (Los Angeles County 2017). Statewide incidences in 2017 were 22.5 per 100,000 people (CDPH 2019).

Even if present at a site, earth-moving activities may not result in increased incidence of valley fever. Propagation of *Coccidioides immitis* is dependent on climatic conditions, with the potential for growth and surface exposure highest following early seasonal rains and long dry spells. *Coccidioides immitis* spores can be released when filaments are disturbed by earth-moving activities, although receptors must be exposed to and inhale the spores to be at increased risk of developing valley fever. Moreover, exposure to *Coccidioides immitis* does not guarantee that an individual will become ill—approximately 60% of people exposed to the fungal spores are asymptomatic and show no signs of an infection (USGS 2000).

2.1.3   Sensitive Receptors

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005). The SCAQMD identifies sensitive receptors as residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993). The closest off-site sensitive receptors to the project site include residences located adjacent to the south and western boundaries of the project site.

2.2   Regulatory Setting

2.2.1   Federal Regulations

2.2.1.1   Criteria Air Pollutants

The federal Clean Air Act, passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. The EPA is responsible for implementing most aspects of the Clean Air Act, including setting

National Ambient Air Quality Standards (NAAQS) for major air pollutants; setting hazardous air pollutant (HAP) standards; approving state attainment plans; setting motor vehicle emission standards; issuing stationary source emission standards and permits; and establishing acid rain control measures, stratospheric O_3 protection measures, and enforcement provisions. Under the Clean Air Act, NAAQS are established for the following criteria pollutants: O_3, CO, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and lead.

The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The NAAQS (other than for O_3, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and those based on annual averages or arithmetic mean) are not to be exceeded more than once per year. NAAQS for O_3, NO_2, SO_2, PM_{10}, and $PM_{2.5}$ are based on statistical calculations over 1- to 3-year periods, depending on the pollutant. The Clean Air Act requires the EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a state implementation plan that demonstrates how those areas will attain the NAAQS within mandated time frames.

2.2.1.2   Hazardous Air Pollutants

The 1977 federal Clean Air Act amendments required the EPA to identify National Emission Standards for Hazardous Air Pollutants to protect public health and welfare. HAPs include certain volatile organic chemicals, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. Under the 1990 federal Clean Air Act Amendments, which expanded the control program for HAPs, 189 substances and chemical families were identified as HAPs.

2.2.2   State Regulations

2.2.2.1   Criteria Air Pollutants

The federal Clean Air Act delegates the regulation of air pollution control and the enforcement of the NAAQS to the states. In California, the task of air quality management and regulation has been legislatively granted to CARB, with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB, which became part of the California Environmental Protection Agency in 1991, is responsible for ensuring implementation of the California Clean Air Act of 1988, responding to the federal Clean Air Act, and regulating emissions from motor vehicles and consumer products.

CARB has established California Ambient Air Quality Standards (CAAQS), which are generally more restrictive than the NAAQS. As stated previously, an ambient air quality standard defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without harm to the public's health. For each pollutant, concentrations must be below the relevant CAAQS before a basin can attain the corresponding CAAQS. Air quality is considered "in attainment" if pollutant levels are continuously below the CAAQS and violate the standards no more than once each year. The CAAQS for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, PM_{10}, and $PM_{2.5}$ and visibility-reducing particles are values that are not to be exceeded.

California air districts have based their thresholds of significance for CEQA purposes on the levels that scientific and factual data demonstrate that the air basin can accommodate without affecting the attainment date for the NAAQS or CAAQS. Since an ambient air quality standard is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the ambient air quality standard, this means that the thresholds established by air districts are also protective of human health.

All others are not to be equaled or exceeded. The NAAQS and CAAQS are presented in Table 1.

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
O_3	1 hour	0.09 ppm (180 µg/m³)	—	Same as Primary Standard[f]
	8 hours	0.070 ppm (137 µg/m³)	0.070 ppm (137 µg/m³)[f]	
NO_2[g]	1 hour	0.18 ppm (339 µg/m³)	0.100 ppm (188 µg/m³)	Same as Primary Standard
	Annual Arithmetic Mean	0.030 ppm (57 µg/m³)	0.053 ppm (100 µg/m³)	
CO	1 hour	20 ppm (23 mg/m³)	35 ppm (40 mg/m³)	None
	8 hours	9.0 ppm (10 mg/m³)	9 ppm (10 mg/m³)	
SO_2[h]	1 hour	0.25 ppm (655 µg/m³)	0.075 ppm (196 µg/m³)	—
	3 hours	—	—	0.5 ppm (1,300 µg/m³)
	24 hours	0.04 ppm (105 µg/m³)	0.14 ppm (for certain areas)[g]	—
	Annual	—	0.030 ppm (for certain areas)[g]	—
PM_{10}[i]	24 hours	50 µg/m³	150 µg/m³	Same as Primary Standard
	Annual Arithmetic Mean	20 µg/m³	—	
$PM_{2.5}$[i]	24 hours	—	35 µg/m³	Same as Primary Standard
	Annual Arithmetic Mean	12 µg/m³	12.0 µg/m³	15.0 µg/m³
Lead[j,k]	30-day Average	1.5 µg/m³	—	—
	Calendar Quarter	—	1.5 µg/m³ (for certain areas)[k]	Same as Primary Standard
	Rolling 3-Month Average	—	0.15 µg/m³	
Hydrogen sulfide	1 hour	0.03 ppm (42 µg/m³)	—	—
Vinyl chloride[j]	24 hours	0.01 ppm (26 µg/m³)	—	—
Sulfates	24- hours	25 µg/m³	—	—
Visibility reducing particles	8 hour (10:00 a.m. to 6:00 p.m. PST)	Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to the number of particles when the relative humidity is less than 70%	—	—

Source: CARB 2016c.

Notes: $\mu g/m^3$ = micrograms per cubic meter; mg/m^3= milligrams per cubic meter; ppm = parts per million by volume; O_3 = ozone; NO_2 = nitrogen dioxide; CO = carbon monoxide; SO_2 = sulfur dioxide; PM_{10} = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

a   California standards for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter (PM_{10}, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

b   National standards (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 $\mu g/m^3$ is equal to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

c   Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

d   National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

e   National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

f   On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm.

g   To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

h   On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

i   On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 $\mu g/m^3$ to 12.0 $\mu g/m^3$. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 $\mu g/m^3$, as was the annual secondary standard of 15 $\mu g/m^3$. The existing 24-hour PM_{10} standards (primary and secondary) of 150 $\mu g/m^3$ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

j   CARB has identified lead and vinyl chloride as TACs with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

k   The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 $\mu g/m^3$ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

2.2.2.2   Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under Assembly Bill (AB) 1807 (Tanner). The California TAC list identifies more than 700 pollutants, of which carcinogenic and noncarcinogenic toxicity criteria have been established for a subset of these pollutants pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs. In 1987, the Legislature enacted the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) to address public concern over the release of TACs into the atmosphere. AB 2588 law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years. TAC emissions from individual facilities are quantified and prioritized. "High-priority" facilities are required to perform a health risk assessment (HRA), and if specific thresholds are exceeded, the facility operator is required to communicate the results to the public in the form of notices and public meetings.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines (CARB 2000). The regulation is anticipated to result in an 80% decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression-Ignition (Diesel) Engines and Equipment program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel-powered equipment. There are several Airborne Toxic Control Measures that reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

California Health and Safety Code Section 41700

Section 41700 of the Health and Safety Code states that a person shall not discharge from any source whatsoever quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endanger the comfort, repose, health, or safety of any of those persons or the public; or that cause, or have a natural tendency to cause, injury or damage to business or property. This section also applies to sources of objectionable odors.

2.2.3   Local Regulations

2.2.3.1   South Coast Air Quality Management District

The SCAQMD is the regional agency responsible for the regulation and enforcement of federal, state, and local air pollution control regulations in the SCAB, where the project is located. The SCAQMD operates monitoring stations in the SCAB, develops rules and regulations for stationary sources and equipment, prepares emissions inventory and air quality management planning documents, and conducts source testing and inspections. The SCAQMD's Air Quality Management Plans (AQMPs) include control measures and strategies to be implemented to attain state and federal ambient air quality standards in the SCAB. The SCAQMD then implements these control measures as regulations to control or reduce criteria pollutant emissions from stationary sources or equipment.

The most recent adopted AQMP is the 2016 AQMP (SCAQMD 2017a), which was adopted by the SCAQMD governing board on March 3, 2017. The 2016 AQMP is a regional blueprint for achieving air quality standards and healthful air. The 2016 AQMP represents a new approach, focusing on available, proven, and cost effective alternatives to traditional strategies, while seeking to achieve multiple goals in partnership with other entities promoting reductions in GHGs and toxic risk, as well as efficiencies in energy use, transportation, and goods movement (SCAQMD 2017a). Because mobile sources are the principal contributor to the SCAB's air quality challenges, the SCAQMD has been and will continue to be closely engaged with CARB and the EPA, who have primary responsibility for these sources. The 2016 AQMP recognizes the critical importance of working with other agencies to develop funding and other incentives that encourage the accelerated transition of vehicles, buildings, and industrial facilities to cleaner technologies in a manner that benefits not only air quality but also local businesses and the regional economy. These "win-win" scenarios are key to implementation of this 2016 AQMP with broad support from a wide range of stakeholders.

Applicable Rules

Emissions that would result from mobile, area, and stationary sources during construction and operation of the project are subject to the rules and regulations of the SCAQMD. The SCAQMD rules applicable to the project may include the following:

- **Rule 401 – Visible Emissions:** This rule establishes the limit for visible emissions from stationary sources.
- **Rule 402 – Nuisance:** This rule prohibits the discharge of air pollutants from a facility that cause injury, detriment, nuisance, or annoyance to the public or damage to business or property.
- **Rule 403 – Fugitive Dust:** This rule requires fugitive dust sources to implement best available control measures for all sources and prohibits all forms of visible particulate matter from crossing any property line. SCAQMD Rule 403 is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust.
- **Rule 431.2 – Sulfur Content of Liquid Fuels:** The purpose of this rule is to limit the sulfur content in diesel and other liquid fuels for the purpose of reducing the formation of SO_x and particulates during combustion and of enabling the use of add-on control devices for diesel-fueled internal combustion engines. The rule applies to all refiners, importers, and other fuel suppliers such as distributors, marketers, and retailers, as well as to users of diesel, low-sulfur diesel, and other liquid fuels for stationary-source applications in the SCAQMD. The rule also affects diesel fuel supplied for mobile sources.
- **Rule 461 – Gasoline Transfer and Dispensing:** This rule requires testing of vapor recovery systems for gasoline dispensing facilities from certified vapor recovery testing companies and contractors. This rule applies to the transfer of gasoline from any tank truck, trailer, or railroad tank car into any stationary storage tank or mobile fueler, and from any stationary storage tank or mobile fueler into any mobile fueler or motor fuel tank.
- **Rule 1110.2 – Emissions from Gaseous- and Liquid-Fueled Engines:** This rule applies to stationary and portable engines rated at greater than 50 horsepower. The purpose of Rule 1110.2 is to reduce NO_x, VOCs, and CO emissions from engines. Emergency engines, including those powering standby generators, are generally exempt from the emissions and monitoring requirements of this rule because they have permit conditions that limit operation to 200 hours or less per year as determined by an elapsed operating time meter.
- **Rule 1113 – Architectural Coatings:** This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories.

2.2.3.2   Southern California Association of Governments

The Southern California Association of Governments (SCAG) is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. SCAG serves as the federally designated metropolitan planning organization for the Southern California region and is the largest metropolitan planning organization in the United States.

With respect to air quality planning and other regional issues, SCAG has prepared the 2008 Regional Comprehensive Plan: Helping Communities Achieve a Sustainable Future (2008 RCP) for the region (SCAG 2008). The 2008 RCP sets the policy context in which SCAG participates in and responds to the SCAQMD air quality plans

and builds off the SCAQMD AQMP processes that are designed to meet health-based criteria pollutant standards in several ways (SCAG 2008). First, it complements AQMPs by providing guidance and incentives for public agencies to consider best practices that support the technology-based control measures in AQMPs. Second, the 2008 RCP emphasizes the need for local initiatives that can reduce the region's GHG emissions that contribute to climate change, an issue that is largely outside the focus of local attainment plans, which is assessed in Chapter 3. Third, the 2008 RCP emphasizes the need for better coordination of land use and transportation planning, which heavily influences the emissions inventory from the transportation sectors of the economy. This also minimizes land use conflicts, such as residential development near freeways, industrial areas, or other sources of air pollution.

On April 7, 2016, SCAG's Regional Council adopted the 2016–2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS). The 2016 RTP/SCS is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. The 2016 RTP/SCS charts a course for closely integrating land use and transportation so that the region can grow smartly and sustainably. The 2016 RTP/SCS was prepared through a collaborative, continuous, and comprehensive process with input from local governments, county transportation commissions, tribal governments, nonprofit organizations, businesses, and local stakeholders within Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties. In June 2016, SCAG received its conformity determination from the Federal Highway Administration and the Federal Transit Administration indicating that all air quality conformity requirements for the 2016 RTP/SCS and associated 2015 Federal Transportation Improvement Program Consistency Amendment through Amendment 15-12 have been met (SCAG 2016). The SCAQMD 2016 AQMP applies the updated SCAG growth forecasts assumed in the 2016 RTP/SCS.

SCAG has developed Connect SoCal, the 2020–2045 RTP/SCS, which is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. Connect SoCal charts a path toward a more mobile, sustainable, and prosperous region by making connections between transportation networks, planning strategies, and the people whose collaboration can improve the quality of life for Southern Californians. Connect SoCal embodies a collective vision for the region's future and is developed with input from local governments, county transportation commissions, tribal governments, non-profit organizations, businesses, and local stakeholders within the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. On May 7, 2020, SCAG's Regional Council adopted Connect SoCal for federal transportation conformity purposes only. The SCAG 2020–2045 RTP/SCS was adopted on September 3, 2020.

2.2.3.3   City of Sierra Madre

The Air Quality Element of the City's General Plan (City of Sierra Madre 2015) includes issues and policies that would be applied to the project related to air quality. These applicable issues and policies are as follows:

Policy 22.1   Cooperate with the SCAQMD and incorporate the provisions of the AQMP.

Policy 22.2   Prohibit the development of land uses and land use practices which would contribute significantly to poor air quality.

Policy 22.3   Establish controls and monitor uses in the City which contain operations or materials characterized by air pollutants which individually or cumulatively could significantly add to the air basin's degradation (e.g., furniture manufacturers using paints and finishes, automobile repair, printing, and reproduction, and dry cleaners).

Policy 22.4   Encourage and participate in regional initiatives and programs to improve the South Coast Air Basin's air quality.

Policy 22.5   Publicize the incentives offered by the Southern California Air Quality Management District, such as leaf blower and lawnmower exchanges.

Policy 23.1   Establish a transportation system management program to encourage the use of transit, carpooling, shuttles and other transportation options to reduce vehicle miles traveled and vehicle trips.

Policy 23.2   Encourage public and school bus owners to convert to lower emission burning fuel, which is part of the Southern California Air Quality Management District Plan.

Policy 23.3   Continue to purchase automobiles and other vehicles that use zero or low emission fuels for the City's fleet of vehicles.

Policy 23.4   Allow for local job opportunities including home based businesses and telecommuting in Sierra Madre.

Policy 23.5   Provide opportunities through appropriate zoning for the development of residential units in concert with commercial uses.

Policy 23.6   Provide and enhance local transit service to reduce personal vehicle trips.

Policy 23.7   Maintain links to the MTA Gold Line light rail system.

Policy 23.8   Pursue funding sources for facilities and programs linked to regional transit.

Policy 24.1   Continue to review guidelines from time to time regarding the use of gas -powered lawn equipment, and consider tightening the restrictions on the type of equipment, hours and duration of operation.

Policy 24.2   Require dust abatement measures during grading and construction operations. This may include use of reclaimed water or other methods to control fugitive dust.

Policy 24.3   Develop and enforce a fugitive dust control ordinance that regulates the following: visible dust emissions, soil stabilization, the carrying and tracking of dirt offsite, unpaved access and haul roads, storage piles and bulk materials, demolition, and dust control plans; the ordinance should include penalties to encourage compliance.

Policy 25.1   Consider developing an ordinance to address second-hand smoke and other indoor air pollutants in multiple-family dwelling units.

2.3 Regional and Local Air Quality Conditions

2.3.1 South Coast Air Basin Attainment Designation

Pursuant to the 1990 federal Clean Air Act amendments, the EPA classifies air basins (or portions thereof) as "attainment" or "nonattainment" for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as "attainment" for that pollutant. If an area exceeds the standard, the area is classified as "nonattainment" for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as "unclassified" or "unclassifiable." The designation of "unclassifiable/attainment" means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are re-designated as maintenance areas and must have approved Maintenance Plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as "attainment" or "nonattainment," but based on CAAQS rather than the NAAQS. Table 2 depicts the current attainment status of the project site with respect to the NAAQS and CAAQS, as well as the attainment classifications for the criteria pollutants are outlined in Table 2.

Table 2. South Coast Air Basin Attainment Classification

Pollutant	Designation/Classification	
	National Standards	*California Standards*
Ozone (O_3) – 1 hour	No National Standard	**Nonattainment**
Ozone (O_3) – 8 hour	**Extreme Nonattainment**	**Nonattainment**
Nitrogen Dioxide (NO_2)	Unclassifiable/Attainment	Attainment
Carbon Monoxide (CO)	Attainment/Maintenance	Attainment
Sulfur Dioxide (SO_2)	Unclassifiable/Attainment	Attainment
Coarse Particulate Matter (PM_{10})	Attainment/Maintenance	**Nonattainment**
Fine Particulate Matter ($PM_{2.5}$)	**Serious Nonattainment**	**Nonattainment**
Lead (Pb)	**Nonattainment**	Attainment
Hydrogen Sulfide	No National Standard	Unclassified
Sulfates	No National Standard	Attainment
Visibility-Reducing Particles	No National Standard	Unclassified
Vinyl Chloride	No National Standard	No designation

Sources: EPA 2016c (national); CARB 2016d (California).
Notes: Bold text = not in attainment; Attainment = meets the standards; Attainment/Maintenance = achieve the standards after a nonattainment designation; Nonattainment = does not meet the standards; Unclassified or Unclassifiable = insufficient data to classify; Unclassifiable/Attainment = meets the standard or is expected to be meet the standard despite a lack of monitoring data.

In summary, the SCAB is designated as a nonattainment area for federal and state O_3 standards and federal and state $PM_{2.5}$ standards. The SCAB is designated as a nonattainment area for state PM_{10} standards; however, it is designated as an attainment area for federal PM_{10} standards. The SCAB is designated as an attainment area for federal and state CO standards, federal and state NO_2 standards, and federal and state SO_2 standards. While the SCAB has been designated as nonattainment for the federal rolling 3-month average lead standard, it is designated attainment for the state lead standard (EPA 2016c; CARB 2016d).

Despite the current nonattainment status, air quality within the SCAB has generally improved since the inception of air pollutant monitoring in 1976. This improvement is mainly due to lower-polluting on-road motor vehicles, more stringent regulation of industrial sources, and the implementation of emission reduction strategies by the SCAQMD. This trend toward cleaner air has occurred in spite of continued population growth. Despite this growth, air quality has improved significantly over the years, primarily due to the impacts of the region's air quality control program. PM_{10} levels have declined almost 50% since 1990, and $PM_{2.5}$ levels have also declined 50% since measurements began in 1999 (SCAQMD 2013). Similar improvements are observed with O_3, although the rate of O_3 decline has slowed in recent years.

2.3.2   Local Ambient Air Quality

CARB, air districts, and other agencies monitor ambient air quality at approximately 250 air quality monitoring stations across the state. The SCAQMD monitors local ambient air quality at the project site. Air quality monitoring stations usually measure pollutant concentrations 10 feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. The most recent background ambient air quality data from 2017 to 2019 are presented in Table 3. The Pasadena monitoring station, located at 752 S. Wilson Avenue, Pasadena, California 91106, is the nearest air quality monitoring station to the project site, located approximately 4.5 miles southwest from the project site. The data collected at this station are considered representative of the air quality experienced in the project vicinity. Air quality data for CO, O_3, NO_2, and $PM_{2.5}$ from the Pasadena monitoring station are provided in Table 3. Because SO_2 and PM_{10} are not monitored at the Pasadena monitoring station, SO_2 and PM_{10} measurements were taken from the Los Angeles – North Main Street monitoring station (1630 N. Main Street, Los Angeles, California 90012, approximately 11.9 miles southwest from the project site). The number of days exceeding the ambient air quality standards are also shown in Table 3.

Table 3. Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
					2017	*2018*	*2019*	*2017*	*2018*	*2019*
Ozone (O₃)										
Pasadena	ppm	Maximum 1-hour concentration	California	0.09	0.139	0.112	0.120	18	8	11
	ppm	Maximum 8-hour concentration	California	0.070	0.100	0.091	0.098	38	20	29
			National	0.070	0.100	0.090	0.098	36	19	24
Nitrogen Dioxide (NO₂)										
Pasadena	ppm	Maximum 1-hour concentration	California	0.18	0.072	0.068	0.059	0	0	0
			National	0.100	0.072	0.068	0.059	0	0	0
	ppm	Annual concentration	California	0.030	0.015	0.014	0.013	0	0	0
			National	0.053	0.015	0.014	0.013	0	0	0
Carbon Monoxide (CO)										
Pasadena	ppm	Maximum 1-	California	20	2.2	2.0	1.5	0	0	0

Table 3. Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
					2017	*2018*	*2019*	*2017*	*2018*	*2019*
		hour concentration	National	35	2.2	2.0	1.5	0	0	0
	ppm	Maximum 8-hour concentration	California	9.0	1.7	1.4	1.2	0	0	0
			National	9	1.7	1.4	1.2	0	0	0
Sulfur Dioxide (SO$_2$)										
Los Angeles – North Main Street	ppm	Maximum 1-hour concentration	National	0.075	0.006	0.018	0.010	0	0	0
	ppm	Maximum 24-hour concentration	National	0.14	0.002	0.001	0.001	0	0	0
	ppm	Annual concentration	National	0.030	0.0004	0.0003	0.0003	0	0	0
Coarse Particulate Matter (PM$_{10}$)[a]										
Los Angeles – North Main Street	µg/m³	Maximum 24-hour concentration	California	50	96.2	81.2	93.9	(ND) 40	(31.8) 31	(ND) 15
			National	150	64.6	68.2	62.4	(0.0) 0	(0.0) 0	(0.0) 0
	µg/m³	Annual concentration	California	20	ND	34.0	ND	(0.0) 0	(0.0) 0	(0.0) 0
Fine Particulate Matter (PM$_{2.5}$)[a]										
Pasadena	µg/m³	Maximum 24-hour concentration	National	35	22.8	32.5	41.8	(0.0) 0	(0.0) 0	(3.1) 1
	µg/m³	Annual concentration	California	12	9.6	10.2	9.1	(0.0) 0	(0.0) 0	(0.0) 0
			National	12.0	9.7	10.3	8.7	(0.0) 0	(0.0) 0	(0.0) 0

Sources: CARB 2020a; EPA 2020a.

Notes: — = not available; µg/m³ = micrograms per cubic meter; ND = insufficient data available to determine the value; ppm = parts per million

Data taken from CARB iADAM (http://www.arb.ca.gov/adam) and EPA AirData (https://www.epa.gov/outdoor-air-quality-data) represent the highest concentrations experienced over a given year.

Exceedances of national and California standards are only shown for O$_3$ and particulate matter. Daily exceedances for particulate matter are estimated days because PM$_{10}$ and PM$_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed national or California standards during the years shown. There is no national standard for 1-hour O$_3$, annual PM$_{10}$, or 24-hour SO$_2$, nor is there a California 24-hour standard for PM$_{2.5}$.

Pasadena Monitoring Station is located at 752 S. Wilson Avenue, Pasadena, California 91106.

Los Angeles – North Main Street Monitoring Station is located 1630 N. Main Street, Los Angeles, California 90012.

[a] Measurements of PM$_{10}$ and PM$_{2.5}$ are usually collected every 6 days and every 1 to 3 days, respectively. Number of days exceeding the standards is a mathematical estimate of the number of days concentrations would have been greater than the level of the standard had each day been monitored. The numbers in parentheses are the measured number of samples that exceeded the standard.

2.4 Significance Criteria and Methodology

2.4.1 Thresholds of Significance

The significance criteria used to evaluate the project impacts to air quality is based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this air quality analysis, a significant impact would occur if the project would (14 CCR 15000 et seq.):

1. Conflict with or obstruct implementation of the applicable air quality plan.
2. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard.
3. Expose sensitive receptors to substantial pollutant concentrations.
4. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.) indicates that, where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to determine whether the project would have a significant impact on air quality.

The SCAQMD has established Air Quality Significance Thresholds, as revised in March 2015, which set forth quantitative emission significance thresholds below which a project would not have a significant impact on ambient air quality under project-level and cumulative conditions. The quantitative air quality analysis provided herein applies the SCAQMD thresholds identified in Table 4 to determine the potential for the project to result in a significant impact under CEQA.

Table 4. South Coast Air Quality Management District Air Quality Significance Thresholds

Criteria Pollutants Mass Daily Thresholds		
Pollutant	Construction (pounds per day)	Operation (pounds per day)
VOCs	75	55
NO_x	100	55
CO	550	550
SO_x	150	150
PM_{10}	150	150
$PM_{2.5}$	55	55
Lead[a]	3	3
TACs and Odor Thresholds		
TACs[b]	Maximum incremental cancer risk ≥10 in 1 million Cancer Burden >0.5 excess cancer cases (in areas ≥1 in 1 million) Chronic and acute hazard index ≥1.0 (project increment)	
Odor	Project creates an odor nuisance pursuant to SCAQMD Rule 402	

Ambient Air Quality Standards for Criteria Pollutants[c]	
NO$_2$ 1-hour average NO$_2$ annual arithmetic mean	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 0.18 ppm (state) 0.030 ppm (state) and 0.0534 ppm (federal)
CO 1-hour average CO 8-hour average	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 20 ppm (state) and 35 ppm (federal) 9.0 ppm (state/federal)
PM$_{10}$ 24-hour average PM$_{10}$ annual average	10.4 µg/m³ (construction)[d] 2.5 µg/m³ (operation) 1.0 µg/m³
PM$_{2.5}$ 24-hour average	10.4 µg/m³ (construction)[d] 2.5 µg/m³ (operation)

Source: SCAQMD 2019.
Notes: VOC = volatile organic compounds; NO$_x$ = oxides of nitrogen; CO = carbon monoxide; SO$_x$ = sulfur oxides; PM$_{10}$ = coarse particulate matter; PM$_{2.5}$ = fine particulate matter; TAC = toxic air contaminant; SCAQMD = South Coast Air Quality Management District; NO$_2$ = nitrogen dioxide; ppm = parts per million; µg/m³ = micrograms per cubic meter.
Greenhouse gas emissions thresholds for industrial projects, as added in the March 2015 revision to the SCAQMD Air Quality Significance Thresholds, were not include included in Table 4 as they are addressed within the greenhouse gas emissions analysis and not the air quality study.
[a]   The phaseout of leaded gasoline started in 1976. Since gasoline no longer contains lead, the project is not anticipated to result in impacts related to lead; therefore, it is not discussed in this analysis.
[b]   TACs include carcinogens and noncarcinogens.
[c]   Ambient air quality standards for criteria pollutants are based on SCAQMD Rule 1303, Table A-2, unless otherwise stated.
[d]   Ambient air quality threshold are based on SCAQMD Rule 403.

The evaluation of whether the project would conflict with or obstruct implementation of the applicable air quality plan is based on the SCAQMD CEQA Air Quality Handbook (SCAQMD 1993), Chapter 12, Sections 12.2 and 12.3. The first criterion assesses if the project would result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations, or delay the timely attainment of air quality standards of the interim emissions reductions specified in the AQMP, which is addressed in detail under in Section 2.5.2. The second criterion is if the project would exceed the assumptions in the AQMP or increments based on the year of project buildout and phase, as discussed further in Section 2.5.1.

To evaluate the potential for the project to violate any air quality standard or contribute substantially to an existing or projected air quality violation, this analysis applies the SCAQMD's construction and operational criteria pollutants mass daily thresholds, as shown in Table 4. A project would result in a substantial contribution to an existing air quality violation of the NAAQS or CAAQS for O$_3$, which is a nonattainment pollutant, if the project's construction or operational emissions would exceed the SCAQMD VOC or NO$_x$ thresholds shown in Table 4. These emissions-based thresholds for O$_3$ precursors are intended to serve as a surrogate for an "ozone significance threshold" (i.e., the potential for adverse O$_3$ impacts to occur). This approach is used because O$_3$ is not emitted directly (see the discussion of O$_3$ and its sources in Section 2.1.2, Pollutants and Effects), and the effects of an individual project's emissions of O$_3$ precursors (VOC and NO$_x$) on O$_3$ levels in ambient air cannot be determined through air quality models or other quantitative methods.

The assessment of the project's potential to expose sensitive receptors to substantial pollutant concentrations includes a localized significance threshold (LST) analysis, as recommended by the SCAQMD, to evaluate the potential of localized air quality impacts to sensitive receptors in the immediate vicinity of the project from construction. For project sites of 5 acres or less, the SCAQMD LST Methodology (2009) includes lookup tables that can be used to determine the maximum allowable daily emissions that would satisfy the localized significance criteria (i.e., the emissions would not cause an exceedance of the applicable concentration limits for NO_2, CO, PM_{10}, and $PM_{2.5}$) without performing project-specific dispersion modeling. Although the proposed development area of the site is greater than 5 acres (estimated to be 18 acres), the project would disturb less than 5 acres in 1 day, as discussed in detail in the following text, so it is appropriate to use the lookup tables for the LST evaluation.

The LST significance thresholds for NO_2 and CO represent the allowable increase in concentrations above background levels in the vicinity of a project that would not cause or contribute to an exceedance of the relevant ambient air quality standards, while the threshold for PM_{10} represents compliance with Rule 403 (Fugitive Dust). The LST significance threshold for $PM_{2.5}$ is intended to ensure that construction emissions do not contribute substantially to existing exceedances of the $PM_{2.5}$ ambient air quality standards. The allowable emission rates depend on the following parameters:

- Source-receptor area (SRA) in which the project is located
- Size of the project site
- Distance between the project site and the nearest sensitive receptor (e.g., residences, schools, hospitals)

The project site is located in SRA 9 (East San Gabriel Valley). The SCAQMD provides guidance for applying the California Emissions Estimator Model (CalEEMod) to the LSTs. LST pollutant screening level concentration data is currently published for 1-, 2-, and 5-acre sites for varying distances. Although the total disturbed acreage would be 18 acres over approximately 12 days, less than 2 acres will be disturbed during any construction phase; thus, project emissions are conservatively compared to the SCAQMD 1-acre thresholds.

The nearest sensitive-receptor land use (a residence) is located adjacent to the western and southern boundary of the project property. As such, the LST receptor distance was assumed to be 82 feet (25 meters), which is the shortest distance provided by the SCAQMD lookup tables. The LST values from the SCAQMD lookup tables for SRA 9 (East San Gabriel Valley) for a 1-acre project site and a receptor distance of 25 meters are shown in Table 5.

Table 5. Construction Localized Significance Thresholds for Source Receptor Area 9 (East San Gabriel Valley)

Pollutant	Threshold (pounds per day)
Construction	
NO_2	89
CO	623
PM_{10}	5
$PM_{2.5}$	3

Source: SCAQMD 2009.
Notes: NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter.

Localized significance thresholds (LSTs) were determined based on the values for an interpolated 1-acre site at a distance of 25 meters from the nearest sensitive receptor.

The construction HRA methodology and assumptions are presented in Section 2.4.2.3. The construction HRA applies the SCAQMD risk thresholds presented in Table 4, which are a maximum incremental cancer risk greater than or equal to 10 in 1 million and a chronic hazard index greater than or equal to 1.0 (project increment). The CO hotspot assessment and construction HRA are evaluated under the potential for the project to expose sensitive receptors to substantial pollutant concentrations (Section 2.5.3), along with the LST analysis.

The potential for the project to result in other emissions, specifically an odor impact (Section 2.5.4) is based on the project's land use type and anticipated construction activity, and the potential for the project to create an odor nuisance pursuant to SCAQMD Rule 402.

2.4.2 Approach and Methodology

2.4.2.1 Construction Emissions

Emissions from the construction phase of the project were estimated using CalEEMod Version 2016.3.2. Construction scenario assumptions, including phasing, equipment mix, and vehicle trips, were based on information provided by the project applicant and CalEEMod default values when project specifics were not known.

For purposes of estimating project emissions, and based on information provided by the project applicant, it is assumed that construction of the project would commence in February 2024[5] and would last approximately 16 months, ending in May 2025. The analysis contained herein is based on the following assumptions (duration of phases is approximate):

- Clear & Grub: 2 days (February 2024)

- Remedial & Mass Excavation: 20 days (February 2024 – March 2024)

- Import Material to Balance Site: 14 days (February 2024 – March 2024)

- Finish Grading: 17 days (March 2024 – April 2024)

- Building Construction: 14 months (March 2024 – May 2025)

- Wet Utilities: 3 months (April 2024 – June 2024)

- Dry Utilities: 2 months (June 2024 – July 2024)

- Surface Improvements: 2 months (July 2024 – August 2024)

- Architectural Coating: 1 month (January 2025 – February 2025)

Grading would include 3,528 cubic yards of import. Assuming a haul truck capacity of 14 cubic yards per truck, earth-moving activities would result in approximately 252 round trips (504 one-way truck trips) during the Import Material to Balance Site phase. CalEEMod default trip length values were used for the distances for all

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5   The analysis assumes a construction start date of February 2024, which represents the earliest date construction would initiate. Assuming the earliest start date for construction represents the worst-case scenario for criteria air pollutant and GHG emissions because equipment and vehicle emission factors for later years would be slightly less due to more stringent standards for in-use off-road equipment and heavy-duty trucks, as well as fleet turnover replacing older equipment and vehicles in later years.

construction-related trips. The construction equipment mix and vehicle trips used for estimating the project-generated construction emissions are shown in Table 6.

Table 6. Construction Scenario Assumptions

Construction Phase	One-Way Vehicle Trips			Equipment		
	Average Daily Worker Trips	*Average Daily Vendor Truck Trips*	*Total Haul Truck Trips*	*Equipment Type*	*Quantity*	*Usage Hours*
Clear and Grub	14	2	0	Crawler Tractors	2	8
				Tractors/Loaders/ Backhoes	1	8
Remedial & Mass Excavation	36	4	0	Crawler Tractors	2	8
				Rubber Tired Dozers	1	8
				Scrapers	8	8
Import Material to Balance Site	6	2	504	Rubber Tired Loaders	1	8
Finish Grading	12	2	0	Crawler Tractors	2	8
				Graders	1	8
Building Construction	142	54	0	Cranes	1	8
				Forklifts	3	8
				Generator Sets	1	8
				Tractors/Loaders/ Backhoes	3	8
				Welders	1	8
Wet Utilities	50	4	0	Excavators	3	8
				Rubber Tired Loaders	2	8
				Tractors/Loaders/ Backhoes	2	8
Dry Utilities	26	4	0	Rubber Tired Loaders	2	8
				Tractors/Loaders/ Backhoes	2	8
Surface Improvements	22	90	0	Graders	1	8
				Pavers	2	8
				Paving Equipment	2	8
				Rollers	2	8
				Scrapers	1	8
				Tractors/Loaders/ Backhoes	1	8
Architectural Coating	28	2	0	Air Compressors	1	8

Notes: See Appendix A for details.

The project would implement dust control strategies as a project design feature. To reflect implementation of proposed dust control strategies in accordance with SCAQMD Rule 403, the following was assumed in CalEEMod:

- Water exposed area two times per day (55% reduction in PM_{10} and $PM_{2.5}$).
- Limit vehicle travel on unpaved roads to 15 miles per hour.

2.4.2.2   Operational Emissions

Emissions from the operational phase of the project were estimated using CalEEMod Version 2016.3.2. Operational year 2026 was assumed consistent with completion of project construction.

Area Sources

CalEEMod was used to estimate operational emissions from area sources, including emissions from consumer product use, architectural coatings, and landscape maintenance equipment. Emissions associated with natural gas usage in space heating and water heating are calculated in the building energy use module of CalEEMod, as described in the following text.

Consumer products are chemically formulated products used by household and institutional consumers, including detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products. Other paint products, furniture coatings, or architectural coatings are not considered consumer products (CAPCOA 2017). Consumer product VOC emissions are estimated in CalEEMod based on the floor area of residential and nonresidential buildings and on the default factor of pounds of VOC per building square foot per day. For parking lot land uses, CalEEMod estimates VOC emissions associated with use of parking surface degreasers based on a square footage of parking surface area and pounds of VOC per square foot per day.

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings such as in paints and primers using during building maintenance. CalEEMod calculates the VOC evaporative emissions from application of nonresidential surface coatings based on the VOC emission factor, the building square footage, the assumed fraction of surface area, and the reapplication rate. The VOC emission factor is based on the VOC content of the surface coatings, and SCAQMD's Rule 1113 (Architectural Coatings) governs the VOC content for interior and exterior coatings. The model default reapplication rate of 10% of area per year is assumed. Consistent with CalEEMod defaults, it is assumed that the residential and nonresidential surface area for painting equals 2.0 times the floor square footage, with 75% assumed for interior coating and 25% assumed for exterior surface coating (CAPCOA 2017).

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, rototillers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers. The emissions associated from landscape equipment use are estimated based on CalEEMod default values for emission factors (grams per square foot of nonresidential building space per day) and number of summer days (when landscape maintenance would generally be performed) and winter days. For Los Angeles County, the average annual "summer" days are estimated to 365 days; however, it is assumed that landscaping equipment would likely only operate during the week (not weekends), so operational days were assumed to be 250 days per year in CalEEMod (CAPCOA 2017).

Energy Sources

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage (non-hearth). Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for GHGs in CalEEMod, since criteria pollutant emissions occur at the site of the power plant, which is typically off site.

CalEEMod default values for energy consumption for each land use were applied for the project analysis. The energy use from residential land uses is calculated in CalEEMod based on the Residential Appliance Saturation Study (CAPCOA 2017). The CalEEMod 2016.3.2 assumes compliance with the 2016 Title 24 building code. The project would be subject to the more stringent 2019 Title 24 building code. However, no adjustments were made to the modeling so the energy use is considered conservative.

Mobile Sources

Mobile sources for the project would primarily be motor vehicles (automobiles, light-duty trucks, and heavy-duty delivery trucks) traveling to and from the project site. Motor vehicles may be fueled with gasoline, diesel, or alternative fuels. Based on the Transportation Impact Analysis (TIA) prepared for the project by Fehr & Peers, the proposed development is anticipated to generate 396 daily trips during the weekday and 401 daily trips on the weekend (Fehr & Peers 2020).[6] CalEEMod default data, including temperature, trip characteristics, variable start information, emissions factors, and trip distances, were conservatively used for the model inputs to estimate daily emissions from proposed vehicular sources. Project-related traffic was assumed to include a mixture of vehicles in accordance with the model outputs for traffic. Emission factors representing the vehicle mix and emissions for 2026 were used to estimate emissions associated with full buildout of the project.

2.4.2.3   Construction Health Risk Assessment

A HRA was performed to evaluate potential health risk associated with construction of the project. The following discussion summarizes the dispersion modeling and HRA methodology; supporting construction HRA documentation, including detailed assumptions, is presented in Appendix B.

For risk assessment purposes, PM_{10} in diesel exhaust is considered DPM, originating mainly from off-road equipment operating at a defined location for a given length of time at a given distance from sensitive receptors. Less-intensive, more-dispersed emissions result from on road vehicle exhaust (e.g., heavy-duty diesel trucks). For the construction HRA, the CalEEMod scenario for the project was adjusted to reduce diesel truck one-way trip distances to 1,000 feet to estimate emissions from truck pass-by at proximate receptors.

The air dispersion modeling methodology was based on generally accepted modeling practices of SCAQMD (SCAQMD 2018). Air dispersion modeling was performed using the EPA's American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 19191 modeling system (computer software) with the Lakes Environmental Software implementation/user interface, AERMOD View Version 9.9.0. The HRA followed the Office of Environmental Health Hazard Assessment (OEHHA) 2015 guidelines (OEHHA 2015) and SCAQMD guidance to calculate the health risk impacts at all proximate receptors as further discussed below (SCAQMD 2017b; SCAQMD 2020). The dispersion modeling included the use of standard regulatory default options. AERMOD parameters were selected consistent with the SCAQMD and EPA guidance and identified as representative of the project site and project activities. Principle parameters of this modeling are presented in Table 7. Consistent with the OEAHHA guidance, the project was evaluated without the fraction of time at home selected to determine whether the 1 in 1 million isopleth included a school.

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[6]   The trip rates expected to be generated by the project were estimated using *Institute of Transportation Engineers Trip Generation Manual, 10th Edition*, for the single family residential land use.

Table 7. American Meteorological Society/Environmental Protection Agency Regulatory Model Principle Parameters

Parameter	Details
Meteorological Data	AERMOD-specific meteorological data for the Azuza air monitoring station (AZUS) was used for the dispersion modeling. A 5-year meteorological data set from 2012 through 2016 was obtained from the SCAQMD in a preprocessed format suitable for use in AERMOD.
Urban versus Rural Option	Urban dispersion option was selected due to the developed nature of the project area and per SCAQMD guidelines.
Terrain Characteristics	The elevation of the site is 1,134 feet above sea level and the surrounding area is along the foothills and down into the San Gabriel Valley.
Elevation Data	Digital elevation data were imported into AERMOD and elevations were assigned to receptors and emission sources, as necessary. Digital elevation data were obtained through the AERMOD View in the United States Geological Survey's National Elevation Dataset format with a resolution of 1/3 degree (approximately 10 meters), consistent with the SCAQMD guidance (SCAQMD 2018).
Source Release Characterizations	The modeled line of volume sources was approximately 18 acres. A plume height dimension of 5 meters, a plume width dimension of 8.6 meters, and a release height of 2.5 meters was assumed for off-road equipment and diesel trucks (SCAQMD 2009; US EPA 2015). Off-site and on-site truck travel were modeled as a line of adjacent volume sources, and based on EPA methodology, the modeled sources would result in a release height of 3.4 meters, a plume height of 3.16 meters, and a plume width of 3.12 meters (EPA 2015).

Note: See Appendix B.

Regarding receptors, the construction scenario used a 4-kilometer by 4-kilometer Cartesian receptor grid with 200-meter spacing to establish the impact area and evaluate locations of maximum health risk impact. A refined cartesian grid 1,200 meters by 1,200 meters with 20 meter spacing was placed over the area of maximum impact.

The health risk calculations were performed using the Hotspots Analysis and Reporting Program Version 2 (HARP2) Air Dispersion and Risk Tool (ADMRT, dated 19121). AERMOD was run with all sources emitting unit emissions (1 gram per second) to obtain the necessary input values for HARP2. The line of volume sources was partitioned evenly based on the 1 gram per second emission rate. The ground-level concentration plot files were then used to estimate the long-term cancer health risk to an individual, and the noncancerous chronic health indices. There is no reference exposure level (REL) for acute health impacts from DPM, and, thus, acute risk was not evaluated.

Cancer risk is defined as the increase in probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased chances in one million. Maximum Individual Cancer Risk is the estimated probability of a maximally exposed individual potentially contracting cancer as a result of exposure to TACs over a period of 30 years for residential receptor locations. For the construction HRA, the TAC exposure period was assumed to be from third trimester to 16 months for all receptor locations (i.e., the assumed duration of project construction). The exposure pathway for DPM is inhalation only.

The SCAQMD has also established noncarcinogenic risk parameters for use in HRAs since some TACs increase noncancerous health risk due to long-term (chronic) exposures and some TACs increase noncancerous health risk due to short-term (acute) exposures. No short-term, acute relative exposure level has been established for DPM; therefore, acute impacts of DPM are not addressed in the HRA. Chronic exposure is evaluated in the construction HRA. Noncarcinogenic risks are quantified by calculating a hazard index, expressed as the ratio between the ambient pollutant concentration and its toxicity or REL, which is a concentration at or below which health effects

are not likely to occur. The chronic hazard index is the sum of the individual substance chronic hazard indices for all TACs affecting the same target organ system. A hazard index less of than one (1.0) means that adverse health effects are not expected.

2.5 Impact Analysis

2.5.1 Would the project conflict with or obstruct implementation of the applicable air quality plan?

As previously discussed, the project site is located within the SCAB under the jurisdiction of the SCAQMD, which is the local agency responsible for administration and enforcement of air quality regulations for the area. The SCAQMD has established criteria for determining consistency with the AQMP, currently the 2016 AQMP, in Chapter 12, Sections 12.2 and 12.3, in the SCAQMD CEQA Air Quality Handbook (SCAQMD 1993). The criteria are as follows (SCAQMD 1993):

- **Consistency Criterion No. 1:** The proposed project will not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations, or delay the timely attainment of air quality standards of the interim emissions reductions specified in the AQMP.
- **Consistency Criterion No. 2:** The proposed project will not exceed the assumptions in the AQMP or increments based on the year of project buildout and phase.

Consistency Criterion No. 1

Section 2.5.2 evaluates the project's potential impacts in regards to CEQA Guidelines Appendix G Threshold 2 (the project's potential to violate any air quality standard or contribute substantially to an existing or projected air quality violation impact analysis). As discussed in Section 2.5.2, the project would not exceed the SCAQMD significance thresholds for any criteria air pollutants. Therefore, the project would not result in an increase in the frequency or severity of existing air quality violations. Therefore, the project would not conflict with Consistency Criterion No. 1 of the SCAQMD CEQA Air Quality Handbook.

Consistency Criterion No. 2

While striving to achieve the NAAQS for O_3 and $PM_{2.5}$ and the CAAQS for O_3, PM_{10}, and $PM_{2.5}$ through a variety of air quality control measures, the 2016 AQMP also accommodates planned growth in the SCAB. Projects are considered consistent with, and would not conflict with or obstruct implementation of, the AQMP if the growth in socioeconomic factors (e.g., population, employment) is consistent with the underlying regional plans used to develop the AQMP (per Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook).

The SCAQMD primarily uses demographic growth forecasts for various socioeconomic categories (e.g., population, housing, employment by industry) developed by the SCAG for its RTP/SCS (SCAG 2016), which is based on general plans for cities and counties in the SCAB, for the development of the AQMP emissions inventory (SCAQMD

2017a).[7] The SCAG 2016 RTP/SCS, and associated Regional Growth Forecast, are generally consistent with the local plans; therefore, the 2016 AQMP is generally consistent with local government plans. The project site currently has a zoning and land use designation of Institutional Land (City of Sierra Madre 2015 and 2017). The General Plan and Zoning Code amendments would primarily change this land use designation to allow for Residential, Institutional, Civic/City Park, and Open Space uses on the project site. The approval of the Specific Plan would provide zoning and development standards that allow for greater gross floor area, lot coverage, reduced parking requirements and setback standards for the new residential development parcels. As such, the project would not be consistent with the existing zoning and general plan.

It was determined the proposed project would generate a residential population of 96 persons and 42 residences. According to SCAG's 2016 RTP/SCS, the City is expected to have a population of 11,000 in 2012 and 11,200 in 2040. The number of households is anticipated to grow by 200 between 2012 and 2040. Therefore, the project would not exceed the projected growth assumed for the City for residential population. The City's Regional Housing Needs Allocation (RHNA) 2013-2021 allocation from SCAG showed that the allocation was 55 and the City still needed 18 units (City of Sierra Madre 2021). For the RHNA for 2021-2029 the allocation from SCAG is 204 units (SCAG 2021). As the project would bring 42 units to the City in 2026 it would be within the current RHNA allocation and help meet the City's backlog of 18 units from the previous allocation. Therefore, the project would be within the projected growth of the City's RHNA as defined by SCAG.

As the proposed project would not contribute to local population and household growth and associated VMT that is not anticipated for the project Site in the existing General Plan, the proposed project is accounted for in the SIP and RAQS, and the proposed project would be consistent with local air quality plans. Therefore, the impact is considered less than significant.

Summary

As described previously, the project would not result in an increase in the frequency and severity of existing air quality violations and would not conflict with Consistency Criterion No. 1. The project would be consistent with the General Plan and growth projections of the RTP/SCS. Therefore, impacts related to the project's potential to conflict with or obstruct implementation of the applicable air quality plan would be **less than significant**.

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[7]   Information necessary to produce the emission inventory for the SCAB is obtained from the SCAQMD and other governmental agencies, including CARB, Caltrans, and SCAG. Each of these agencies is responsible for collecting data (e.g., industry growth factors, socioeconomic projections, travel activity levels, emission factors, emission speciation profile, and emissions) and developing methodologies (e.g., model and demographic forecast improvements) required to generate a comprehensive emissions inventory. SCAG incorporates these data into their Travel Demand Model for estimating/projecting vehicle miles traveled (VMT) and driving speeds. SCAG's socioeconomic and transportation activities projections in their 2016 RTP/SCS are integrated in the 2016 AQMP (SCAQMD 2017a).

2.5.2 Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Construction Emissions

Construction of the project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and for dust, the prevailing weather conditions. Therefore, such emission levels can only be approximately estimated with a corresponding uncertainty in precise ambient air quality impacts.

As discussed in Section 2.4.2.1, Construction Emissions, criteria air pollutant emissions associated with temporary construction activity were quantified using CalEEMod. Construction emissions were calculated for the estimated worst-case day over the construction period associated with each phase and reported as the maximum daily emissions estimated during each year of construction (2024 through 2025). Construction schedule assumptions, including phase type, duration, and sequencing, were based on information provided by the project applicant and is intended to represent a reasonable scenario based on the best information available. Default values provided in CalEEMod were used where detailed project information was not available.

Implementation of the project would generate air pollutant emissions from entrained dust, off-road equipment, vehicle emissions, architectural coatings, and asphalt pavement application. Entrained dust results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, resulting in PM_{10} and $PM_{2.5}$ emissions. The project would implement various dust control strategies and would be required to comply with SCAQMD Rule 403 to control dust emissions generated during the grading activities. Proposed construction practices that would be employed to reduce fugitive dust emissions include watering of the active sites and unpaved roads two times per day depending on weather conditions and restricting vehicle speed on unpaved roads to 15 miles per hour. Internal combustion engines used by construction equipment, vendor trucks (i.e., delivery trucks), and worker vehicles would result in emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$. The application of architectural coatings, such as exterior application/interior paint and other finishes, and application of asphalt pavement would also produce VOC emissions; however, the contractor is required to procure architectural coatings from a supplier in compliance with the requirements of SCAQMD's Rule 1113 (Architectural Coatings).

Table 8 presents the estimated maximum daily construction emissions generated during construction of the project. The values shown are the maximum summer or winter daily emissions results from CalEEMod. Details of the emission calculations are provided in Appendix A.

Table 8. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions - Unmitigated

Year	VOC	NO$_x$	CO	SO$_x$	PM$_{10}$	PM$_{2.5}$
	pounds per day					
2024	8.22	86.46	59.87	0.18	63.45	8.46
2025	54.63	19.01	25.32	0.06	41.90	5.10
Maximum Daily Emissions	54.63	86.46	59.87	0.18	63.45	8.46
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Threshold Exceeded?	No	No	No	No	No	No

Notes: VOC = volatile organic compound; NO$_x$ = oxides of nitrogen; CO = carbon monoxide; SO$_x$ = sulfur oxides; PM$_{10}$ = coarse particulate matter; PM$_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District.
See Appendix A for complete results.
The values shown are the maximum summer or winter daily emissions results from CalEEMod. These emissions reflect CalEEMod "mitigated" output, which accounts for implementation of the project's fugitive dust control strategies, including watering of the project site and unpaved roads two times per day, and restricting vehicle speed on unpaved roads to 15 miles per hour.

As shown in Table 8, maximum daily construction emissions would not exceed the SCAQMD significance thresholds for VOC, NO$_x$, CO, SO$_x$, PM$_{10}$, or PM$_{2.5}$ during construction. Impacts would be less than significant.

Operational Emissions

Operation of the proposed project would generate VOC, NO$_x$, CO, SO$_x$, PM$_{10}$, and PM$_{2.5}$ emissions from mobile sources (vehicle trips), area sources (consumer products, landscape maintenance equipment), and energy sources. As discussed in Section 2.4.2.2, Operation, pollutant emissions associated with long-term operations were quantified using CalEEMod. Project-generated mobile source emissions were estimated in CalEEMod based on project-specific trip rates. CalEEMod default values were used to estimate emissions from the proposed project area and energy sources.

Table 9 presents the maximum daily area, energy, and mobile source emissions associated with operation (year 2026) of the project. The values shown are the maximum summer or winter daily emissions results from CalEEMod. Details of the emission calculations are provided in Appendix A.

Table 9. Estimated Maximum Daily Operational Criteria Air Pollutant Emissions - Unmitigated

Emission Source	VOC	NO$_x$	CO	SO$_x$	PM$_{10}$	PM$_{2.5}$
	pounds per day					
Area	14.62	0.91	24.84	0.05	3.23	3.23
Energy	0.03	0.29	0.12	0.00	0.02	0.02
Mobile	0.55	2.61	7.27	0.03	2.93	0.80
Total	15.20	3.81	32.23	0.08	6.18	4.05
SCAQMD Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Threshold Exceeded?	No	No	No	No	No	No

Notes: VOC = volatile organic compound; NO$_x$ = oxides of nitrogen; CO = carbon monoxide; SO$_x$ = sulfur oxides; PM$_{10}$ = coarse particulate matter; PM$_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District; PDF = project design feature.
See Appendix A for complete results.
Totals may not sum due to rounding.
The values shown are the maximum summer or winter daily emissions results from CalEEMod. These emissions reflect CalEEMod "mitigated" output and operational year 2026, which accounts for compliance with SCAQMD Rule 1113 (Architectural Coatings).

As shown in Table 9, the combined daily area, energy, and mobile source emissions would not exceed the SCAQMD operational thresholds for NO_x, VOC, CO, SO_x, PM_{10}, and $PM_{2.5}$.

Air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and the SCAQMD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are relevant in the determination of whether a project's individual emissions would have a cumulatively significant impact on air quality.

In considering cumulative impacts from the project, the analysis must specifically evaluate a project's contribution to the cumulative increase in pollutants for which the SCAB is designated as nonattainment for the CAAQS and NAAQS. If a project's emissions would exceed the SCAQMD significance thresholds, it would be considered to have a cumulatively considerable contribution to nonattainment status in the SCAB. The basis for analyzing the project's cumulatively considerable contribution is if the project's contribution accounts for a significant proportion of the cumulative total emissions (i.e., it represents a "cumulatively considerable contribution" to the cumulative air quality impact) and consistency with the SCAQMD 2016 AQMP, which addresses the cumulative emissions in the SCAB.

As discussed in Section 2.3.1, South Coast Air Basin Attainment Designation, the SCAB has been designated as a national nonattainment area for O_3 and $PM_{2.5}$ and a California nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. The nonattainment status is the result of cumulative emissions from various sources of air pollutants and their precursors within the SCAB, including motor vehicles, off-road equipment, and commercial and industrial facilities. Construction and operation of the project would generate VOC and NO_x emissions (which are precursors to O_3) and emissions of PM_{10} and $PM_{2.5}$. As indicated in Tables 8 and 9, project-generated construction and operational emissions would not exceed the SCAQMD emission-based significance thresholds for all criteria air pollutants.

Cumulative localized impacts would potentially occur if a construction project were to occur concurrently with another off-site project. Construction schedules for potential future projects near the project site are currently unknown; therefore, potential construction impacts associated with two or more simultaneous projects would be considered speculative. However, future projects would be subject to CEQA and would require air quality analysis and, where necessary, mitigation if the project would exceed SCAQMD thresholds. Criteria air pollutant emissions associated with construction activity of future projects would be reduced through implementation of control measures required by the SCAQMD. Cumulative PM_{10} and $PM_{2.5}$ emissions would be reduced because all future projects would be subject to SCAQMD Rule 403 (Fugitive Dust), which sets forth general and specific requirements for all construction sites in the SCAQMD.

Based on the project-generated construction emissions of NO_x, the project would result in a cumulatively considerable increase in emissions of nonattainment pollutants. Impacts would be **less than significant**.

2.5.3 Would the project expose sensitive receptors to substantial pollutant concentrations?

Localized Significance Thresholds Analysis

As discussed in Section 2.1.3, Sensitive Receptors, sensitive receptors are those individuals more susceptible to the effects of air pollution than the population at large. People most likely to be affected by air pollution include children, the elderly, and people with cardiovascular and chronic respiratory diseases. According to the SCAQMD, sensitive receptors include residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993). The closest off-site sensitive receptors to the project site include residences adjacent to the southern and western project site boundary.

An LST analysis has been prepared to determine potential impacts to nearby sensitive receptors during construction of the project. As indicated in the discussion of the thresholds of significance (Section 2.4.1), the SCAQMD also recommends the evaluation of localized NO_2, CO, PM_{10}, and $PM_{2.5}$ impacts as a result of construction activities to sensitive receptors in the immediate vicinity of the project site. The impacts were analyzed using methods consistent with those in the SCAQMD's *Final Localized Significance Threshold Methodology* (2009). According to the *Final Localized Significance Threshold Methodology*, "off-site mobile emissions from the project should not be included in the emissions compared to the LSTs" (SCAQMD 2009). Hauling of soils and construction materials associated with the project construction are not expected to cause substantial air quality impacts to sensitive receptors along off-site roadways. Localized emissions from the trucks would be relatively brief in nature and would cease once the trucks pass through the main streets.

Construction activities associated with the project would result in temporary sources of on-site fugitive dust and construction equipment emissions. As discussed above, off-site emissions from vendor trucks, haul trucks, and worker vehicle trips are not included in the LST analysis. The maximum allowable daily emissions that would satisfy the SCAQMD localized significance criteria for SRA 9 are presented in Table 10 and compared to the maximum daily on-site construction emissions generated during the project.

Table 10. Localized Significance Thresholds Analysis for Project Construction - Unmitigated

	NO$_2$	CO	PM$_{10}$	PM$_{2.5}$
Maximum On-Site Emissions	*Pounds per Day*			
Construction Emissions	80.52	56.77	7.42	4.12
SCAQMD LST	89	623	5	3
LST Exceeded?	No	No	Yes	Yes

Source: SCAQMD 2009.
Notes: NO$_2$ = nitrogen dioxide; CO = carbon monoxide; PM$_{10}$ = coarse particulate matter; PM$_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District; LST = localized significance threshold.
See Appendix A for complete results.
Localized significance thresholds are shown for a 1-acre project sites corresponding to a distance to a sensitive receptor of 25 meters.
These estimates implementation of the project's fugitive dust control strategies, including watering of the project site and unpaved roads twice times per day, and restricting vehicle speed on unpaved roads to 15 miles per hour.

As shown in Table 10, construction activities would generate emissions in excess of site-specific LSTs for PM_{10} and $PM_{2.5}$; therefore, localized construction impacts during construction of the project would be **potentially significant** and mitigation is required.

Valley Fever

As discussed above in Section 2.1.2.2, valley fever is not highly endemic to the County, and within the County, the incidence rate in the project site is below the County average and the statewide average. Construction of the project would comply with SCAQMD Rule 403 (Fugitive Dust), which requires fugitive dust sources to implement best available control measures for all sources and prohibits all forms of visible particulate matter from crossing any property line. SCAQMD Rule 403 is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. In addition, the project would implement various dust control strategies. The nearest sensitive-receptor land use (existing residence) is located adjacent to the southern and western project boundary. Based on the low incidence rate of coccidioidomycosis on the project site and in the County, and with the project's implementation of dust control strategies, it is not anticipated that earth-moving activities during project construction would result in exposure of nearby sensitive receptors to valley fever. Therefore, the project would have a **less than significant** impact with respect to valley fever exposure for sensitive receptors.

Health Impacts of Carbon Monoxide

Mobile source impacts occur on two scales of motion. Regionally, project-related travel would add to regional trip generation and increase the vehicle miles traveled within the local airshed and the SCAB. Locally, project generated traffic would be added to the City's roadway system near the project site. If such traffic occurs during periods of poor atmospheric ventilation, is composed of a large number of vehicles "cold-started" and operating at pollution-inefficient speeds, and is operating on roadways already crowded with non-project traffic, there is a potential for the formation of microscale CO hotspots in the area immediately around points of congested traffic. Because of continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SCAB is steadily decreasing.

The project would have trip generation associated with construction worker vehicles and vendor trucks. Title 40 of the California Code of Regulations, Section 93.123(c)(5), Procedures for Determining Localized CO, PM_{10}, and PM_2 Concentrations (hot-spot analysis), states that "CO, PM_{10}, and $PM_{2.5}$ hot-spot analyses are not required to consider construction-related activities, which cause temporary increases in emissions. Each site which is affected by construction-related activities shall be considered separately, using established 'Guideline' methods. Temporary increases are defined as those which occur only during the construction phase and last five years or less at any individual site" (40 CFR 93.123). While Project construction would involve on-road vehicle trips from trucks and workers during construction, construction activities would last approximately 16 months and would not require a Project-level construction hotspot analysis. As such, potential Project-generated impacts associated with CO hotspots would be less than significant.

The Office of Planning and Research (OPR) and the Natural Resources Agency have issued new CEQA Guidelines for analyzing transportation impacts. By July 1, 2020, all CEQA lead agencies must analyze a project's transportation impacts using vehicle miles traveled (VMT). VMT measures the distances vehicles will travel to and from a project, rather than congestion levels at intersections (level of service or "LOS," graded on a scale of A – F). To account for this shift from LOS to VMT, and evaluate the potential for CO hotspots for the project, analysis performed by South Coast Air Quality Management District SCAQMD is leveraged as follow.

The SCAQMD conducted CO modeling for the 2003 AQMP (Appendix V: Modeling and Attainment Demonstrations, SCAQMD 2003) for the four worst-case intersections in the South Coast Air Basin (SCAB): (1) Wilshire Boulevard and Veteran Avenue, (2) Sunset Boulevard and Highland Avenue, (3) La Cienega Boulevard and Century Boulevard, and (4) Long Beach Boulevard and Imperial Highway. At the time the 2003 AQMP was prepared, the intersection of Wilshire Boulevard and Veteran Avenue was the most congested intersection in Los Angeles County, with an average daily traffic volume of about 100,000 vehicles per day. Using CO emission factors for 2002, the peak modeled CO 1-hour concentration was estimated to be 4.6 ppm at the intersection of Wilshire Boulevard and Veteran Avenue.

For the proposed project the daily traffic volume of 100,000 vehicles would be conservative compared to the traffic volumes of nearby intersections. For comparison, the intersection with the highest hourly volume including the project would be at Michillinda Avenue and Foothill Boulevard with 2,960 in the PM (Fehr & Peers 2020). When added to the maximum 1-hour CO concentration from 2017 through 2019 at the Pasadena monitoring station (see Table 3, Local Ambient Air Quality Data) which was 2.2 ppm in 2017, the 1-hour CO would be 6.8 ppm, while the CAAQS is 20 ppm.

The 2003 AQMP also projected 8-hour CO concentrations at these four intersections for 1997 and from 2002 through 2005. From years 2002 through 2005, the maximum 8-hour CO hotspot was 3.8 ppm at the Sunset Boulevard and Highland Avenue intersection (2002; 3.4 ppm at the Wilshire Boulevard and Veteran Avenue in 2002). Adding the 3.8 ppm to the maximum 8-hour CO concentration from 2017 through 2019 at the Pasadena monitoring station (see Table 3) which was 1.7 ppm in 2017, the 8-hour CO would be 5.5 ppm, while the CAAQS is 9.0 ppm.

Therefore, it is concluded that a quantitative CO hotspots analysis is not required. The construction-related traffic is not anticipated to create a CO hotspot as emissions would be dispersed rapidly and would not be concentrated. During operation, the Project is not expected to generate a CO hotspots.

As such, impacts to sensitive receptors with regard to potential CO hotspots resulting from the Project's contribution to cumulative traffic-related air quality impacts would be **less than significant**.

Health Impacts of Toxic Air Contaminants

Construction Health Risk

As discussed in Section 2.4.2.4, a construction HRA was performed to estimate the Maximum Individual Cancer Risk and the Chronic Hazard Index for residential receptors as a result of project construction. Results of the construction HRA are presented in Table 11.

Table 11. Construction Health Risk Assessment Results – Unmitigated

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential[1]	Per Million	36.7	10	**Potentially Significant**
Chronic Hazard Index – Residential[1]	Index Value	0.03	1.0	Less than Significant

Source: SCAQMD 2019.
Notes: CEQA = California Environmental Quality Act.
See Appendix B.
[1]   The maximally exposed individual resident for annual cancer and chronic health risk impacts is located north of the project site at UTM coordinates 401768.88 meter Easting (m E)/ 3781728.78 meters Northing (m N).

As shown in Table 11, project construction activities would result in a Residential Maximum Individual Cancer Risk of 36.7 in 1 million, which is greater than the significance threshold of 10 in 1 million. Project construction

would result in a Residential Chronic Hazard Index of 0.03, which is below the 1.0 significance threshold. The project construction TAC health risk impacts would be **potentially significant** and mitigation is required.

Health Effects of Other Criteria Air Pollutants

Project construction and operation would not exceed SCAQMD thresholds for VOC, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$. VOCs and NO_x are precursors to O_3, for which the SCAB is designated as nonattainment with respect to the NAAQS and CAAQS. The health effects associated with O_3 are generally associated with reduced lung function. The contribution of VOCs and NO_x to regional ambient O_3 concentrations is the result of complex photochemistry. The increases in O_3 concentrations in the SCAB due to O_3 precursor emissions tend to be found downwind from the source location to allow time for the photochemical reactions to occur. However, the potential for exacerbating excessive O_3 concentrations would also depend on the time of year that the VOC emissions would occur because exceedances of the O_3 CAAQS/NAAQS tend to occur between April and October when solar radiation is highest. The holistic effect of a single project's emissions of O_3 precursors is speculative due to the lack of quantitative methods to assess this impact. Because operation of the project would not exceed SCAQMD threshold for NO_x or VOC, implementation of the project could minimally contribute to regional O_3 concentrations and the associated health effects.

Construction and operation of the project would not contribute to exceedances of the NAAQS and CAAQS for NO_2. Health effects that result from NO_2 and NO_x include respiratory irritation, which could be experienced by nearby receptors during the periods of heaviest use of off-road construction equipment. However, project construction would be relatively short term, and off-road construction equipment would be operating at various portions of the site and would not be concentrated in one portion of the site at any one time. In addition, existing NO_2 concentrations in the area are well below the NAAQS and CAAQS standards. Operation of the project would not require use of any stationary sources (e.g., diesel generators and boilers) that would create substantial, localized NO_x impacts.

CO tends to be a localized impact associated with congested intersections. The associated potential for CO hotspots were discussed previously and are determined to be a less-than-significant impact. Thus, the project's CO emissions would not contribute to significant health effects associated with this pollutant.

Construction and operation of the project would also not exceed thresholds for PM_{10} or $PM_{2.5}$ and would not contribute to exceedances of the NAAQS and CAAQS for particulate matter or would obstruct the SCAB from coming into attainment for these pollutants. The project would also not result in substantial DPM emissions during construction and operation, and therefore, would not result in significant health effects related to DPM exposure. Additionally, the project would implement dust control strategies and be required to comply with SCAQMD Rule 403, which limits the amount of fugitive dust generated during construction. Due to the minimal contribution of particulate matter during construction and operation, the project is not anticipated to result in health effects associated with PM_{10} or $PM_{2.5}$.

In summary, because construction and operation of the proposed project would not exceed any of the SCAQMD significance thresholds, the potential health effects associated with criteria air pollutants are considered **less than significant**.

Mitigation Measures

The following mitigation measure is required to reduce emissions of PM_{10}, $PM_{2.5}$, and DPM during construction.

MM-AQ-1   Prior to the City's issuance of the demolition and grading permits for the Project, the Applicant shall demonstrate to the satisfaction of the Planning Division that its construction contractor will use a construction fleet wherein all 50-horsepower or greater diesel-powered equipment is powered with California Air Resources Board (CARB)-certified Tier 4 Interim engines or equipment outfitted with CARB verified diesel particulate filters.

An exemption from this requirement may be granted if: (1) the Applicant documents equipment with Tier 4 Interim engines are not reasonably available, and (2) functionally equivalent diesel PM emission totals can be achieved for the project from other combinations of construction equipment (Tier 3 with level 3 diesel particulate filter, electric, compressed natural gas, hydrogen, etc.). For example, if a Tier 4 Interim piece of equipment is not reasonably available at the time of construction and a lower tier equipment is used instead (e.g., Tier 3), another piece of equipment could be upgraded to a Tier 4 Final or replaced with an alternative-fueled (not diesel-fueled) equipment to offset the emissions associated with using a piece of equipment that does not meet Tier 4 Interim standards. Before an exemption may be granted, the Applicant's construction contractor shall: (1) demonstrate that at least two construction fleet owners/operators in Los Angeles County were contacted and that those owners/operators confirmed Tier 4 Interim equipment could not be located within Los Angeles County during the desired construction schedule; and (2) the proposed replacement equipment has been evaluated using the California Emissions Estimator Model (CalEEMod) or other industry standard emission estimation method, and documentation provided to the Planning Division confirms that necessary project-generated functional equivalencies in the diesel PM emissions level are achieved.

Level of Significance After Mitigation

Localized Significance Thresholds Analysis

Construction activities associated with the project would result in temporary sources of on-site fugitive dust and construction equipment emissions. As discussed above, off-site emissions from vendor trucks, haul trucks, and worker vehicle trips are not included in the LST analysis. The maximum allowable daily emissions that would satisfy the SCAQMD localized significance criteria for SRA 9 are presented in Table 12 and include mitigation measure **MM-AQ-1** and compared to the maximum daily on-site construction emissions generated during the project.

Table 12. Localized Significance Thresholds Analysis for Project Construction - Mitigated

	NO$_2$	CO	PM$_{10}$	PM$_{2.5}$
Maximum On-Site Emissions	*Pounds per Day*			
Construction Emissions	40.12	80.87	4.46	1.42
SCAQMD LST	89	623	5	3
LST Exceeded?	No	No	No	No

Source: SCAQMD 2009.
Notes: NO$_2$ = nitrogen dioxide; CO = carbon monoxide; PM$_{10}$ = coarse particulate matter; PM$_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District; LST = localized significance threshold.
See Appendix B for complete results.
Localized significance thresholds are shown for a 1-acre project sites corresponding to a distance to a sensitive receptor of 25 meters.
These estimates implementation of the project's fugitive dust control strategies, including watering of the project site and unpaved roads twice times per day, and restricting vehicle speed on unpaved roads to 15 miles per hour.

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As shown in Table 12, mitigated construction activities would not generate emissions in excess of site-specific LSTs; therefore, localized construction impacts during construction of the project would be **less than significant** with mitigation.

Health Impacts of Toxic Air Contaminants

Construction Health Risk

As discussed in Section 4.3.3.1.3, Construction Health Risk Assessment, a construction HRA was performed to estimate the Maximum Individual Cancer Risk and the Chronic Hazard Index for residential receptors as a result of project construction. Results of the construction HRA including mitigation measure **MM-AQ-1** are presented in Table 13.

Table 13. Construction Health Risk Assessment Results – Mitigated

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential[1]	Per Million	4.3	10	Less than Significant
Chronic Hazard Index – Residential[1]	Index Value	0.004	1.0	Less than Significant

Source: SCAQMD 2019.
Note: CEQA = California Environmental Quality Act.
See Appendix B.
[1]   The maximally exposed individual resident for annual cancer and chronic health risk impacts is located north of the project site at UTM coordinates 401768.88 meter Easting (m E)/ 3781728.78 meters Northing (m N).

As shown in Table 13, mitigated project construction activities would result in a Residential Maximum Individual Cancer Risk of 4.3 in 1 million, which is less than the significance threshold of 10 in 1 million. Project construction would result in a Residential Chronic Hazard Index of 0.004, which is below the 1.0 significance threshold. The project construction TAC health risk impacts would be **less than significant** with mitigation.

2.5.4   Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source; the wind speeds and direction; and the sensitivity of receiving location each contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying and cause distress among the public and generate citizen complaints.

Odors would be potentially generated from vehicles and equipment exhaust emissions during construction of the project. Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application. Such odors would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Therefore, impacts associated with odors during construction would be **less than significant**.

Land uses and industrial operations associated with odor complaints include agricultural uses, wastewater treatment plants, food-processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding (SCAQMD 1993). The project would not include land uses that generate odors as discussed above during operation. Therefore, project operations would result in an odor impact that is **less than significant**.

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3 Greenhouse Gas Emissions

3.1 Environmental Setting

3.1.1 Climate Change Overview

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period of time (i.e., decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system. Many factors, both natural and human, can cause changes in Earth's energy balance, including variations in the sun's energy reaching Earth, changes in the reflectivity of Earth's atmosphere and surface, and changes in the greenhouse effect, which affects the amount of heat retained by Earth's atmosphere (EPA 2017a).

The greenhouse effect is the trapping and build-up of heat in the atmosphere (troposphere) near the Earth's surface. The greenhouse effect traps heat in the troposphere through a threefold process as follows: Short-wave radiation emitted by the Sun is absorbed by the Earth, the Earth emits a portion of this energy in the form of long-wave radiation, and GHGs in the upper atmosphere absorb this long-wave radiation and emit it into space and toward the Earth. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature and creates a pleasant, livable environment on the Earth. Human activities that emit additional GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise.

The scientific record of the Earth's climate shows that the climate system varies naturally over a wide range of time scales and that, in general, climate changes prior to the Industrial Revolution in the 1700s can be explained by natural causes such as changes in solar energy, volcanic eruptions, and natural changes in GHG concentrations. Recent climate changes, in particular the warming observed over the past century, however, cannot be explained by natural causes alone. Rather, it is extremely likely that human activities have been the dominant cause of that warming since the mid-twentieth century and is the most significant driver of observed climate change (IPCC 2013; EPA 2017a). Human influence on the climate system is evident from the increasing GHG concentrations in the atmosphere, positive radiative forcing, observed warming, and improved understanding of the climate system (IPCC 2013). The atmospheric concentrations of GHGs have increased to levels unprecedented in the last 800,000 years, primarily from fossil fuel emissions and secondarily from emissions associated with land use changes (IPCC 2013). Continued emissions of GHGs will cause further warming and changes in all components of the climate system, which is discussed further in Section 3.3.2, Potential Effects of Climate Change.

3.1.2 Greenhouse Gases

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. As defined in California Health and Safety Code, Section 38505(g), for purposes of administering many of the State's primary GHG emissions reduction programs, GHGs include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6), and nitrogen trifluoride (NF_3). (See also CEQA Guidelines, Section 15364.5.) Some GHGs, such as CO_2, CH_4, and N_2O, occur naturally and are emitted into the atmosphere through natural processes and human activities. Of these gases, CO_2

and CH_4 are emitted in the greatest quantities from human activities. Manufactured GHGs, which have a much greater heat-absorption potential than CO_2, include fluorinated gases, such as HFCs, PFCs, and SF_6, which are associated with certain industrial products and processes. The following paragraphs provide a summary of the most common GHGs and their sources.[8]

Carbon Dioxide. CO_2 is a naturally occurring gas and a by-product of human activities and is the principal anthropogenic GHG that affects the Earth's radiative balance. Natural sources of CO_2 include respiration of bacteria, plants, animals, and fungus; evaporation from oceans; volcanic out-gassing; and decomposition of dead organic matter. Human activities that generate CO_2 are from the combustion of fuels such as coal, oil, natural gas, and wood and changes in land use.

Methane. CH_4 is produced through both natural and human activities. CH_4 is a flammable gas and is the main component of natural gas. Methane is produced through anaerobic (without oxygen) decomposition of waste in landfills, flooded rice fields, animal digestion, decomposition of animal wastes, production and distribution of natural gas and petroleum, coal production, and incomplete fossil fuel combustion.

Nitrous Oxide. N_2O is produced through natural and human activities, mainly through agricultural activities and natural biological processes, although fuel burning and other processes also create N_2O. Sources of N_2O include soil cultivation practices (microbial processes in soil and water), especially the use of commercial and organic fertilizers, manure management, industrial processes (such as in nitric acid production, nylon production, and fossil-fuel-fired power plants), vehicle emissions, and using N_2O as a propellant (e.g., rockets, racecars, and aerosol sprays).

Fluorinated Gases. Fluorinated gases (also referred to as F-gases) are synthetic powerful GHGs emitted from many industrial processes. Fluorinated gases are commonly used as substitutes for stratospheric ozone-depleting substances (e.g., CFCs, HCFCs, and halons). The most prevalent fluorinated gases include the following:

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to ozone-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.

- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to the ozone depleting substances. The two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Since PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.

- **Sulfur Hexafluoride:** SF_6 is a colorless gas soluble in alcohol and ether and slightly soluble in water. SF_6 is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.

- **Nitrogen Trifluoride:** NF_3 is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.

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8   The descriptions of GHGs are summarized from the Intergovernmental Panel on Climate Change (IPCC) Second Assessment Report (1995), IPCC Fourth Assessment Report (2007), CARB's "Glossary of Terms Used in GHG Inventories" (2015a), and EPA's "Glossary of Climate Change Terms" (2016e).

Chlorofluorocarbons. CFCs are synthetic chemicals that have been used as cleaning solvents, refrigerants, and aerosol propellants. CFCs are chemically unreactive in the lower atmosphere (troposphere) and the production of CFCs was prohibited in 1987 due to the chemical destruction of stratospheric O_3.

Hydrochlorofluorocarbons. HCFCs are a large group of compounds, whose structure is very close to that of CFCs—containing hydrogen, fluorine, chlorine, and carbon atoms—but including one or more hydrogen atoms. Like HFCs, HCFCs are used in refrigerants and propellants. HCFCs were also used in place of CFCs for some applications; however, their use in general is being phased out.

Black Carbon. Black carbon is a component of fine particulate matter, which has been identified as a leading environmental risk factor for premature death. It is produced from the incomplete combustion of fossil fuels and biomass burning, particularly from older diesel engines and forest fires. Black carbon warms the atmosphere by absorbing solar radiation, influences cloud formation, and darkens the surface of snow and ice, which accelerates heat absorption and melting. Black carbon is a short-lived species that varies spatially, which makes it difficult to quantify the global warming potential. Diesel particulate matter emissions are a major source of black carbon and are TACs that have been regulated and controlled in California for several decades to protect public health. In relation to declining diesel particulate matter from the California Air Resources Board's (CARB's) regulations pertaining to diesel engines, diesel fuels, and burning activities, CARB estimates that annual black carbon emissions in California have reduced by 70% between 1990 and 2010, with 95% control expected by 2020 (CARB 2014).

Water Vapor. The primary source of water vapor is evaporation from the ocean, with additional vapor generated by sublimation (change from solid to gas) from ice and snow, evaporation from other water bodies, and transpiration from plant leaves. Water vapor is the most important, abundant, and variable GHG in the atmosphere and maintains a climate necessary for life.

Ozone. Tropospheric O_3, which is created by photochemical reactions involving gases from both natural sources and human activities, acts as a GHG. Stratospheric O_3, which is created by the interaction between solar ultraviolet radiation and molecular oxygen (O_2), plays a decisive role in the stratospheric radiative balance. Depletion of stratospheric O_3, due to chemical reactions that may be enhanced by climate change, results in an increased ground-level flux of ultraviolet-B radiation.

Aerosols. Aerosols are suspensions of particulate matter in a gas emitted into the air through burning biomass (plant material) and fossil fuels. Aerosols can warm the atmosphere by absorbing and emitting heat and can cool the atmosphere by reflecting light.

3.1.3   Global Warming Potential

Gases in the atmosphere can contribute to climate change both directly and indirectly. Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (e.g., affect cloud formation or albedo) (EPA 2016d). The Intergovernmental Panel on Climate Change (IPCC) developed the global warming potential (GWP) concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP of a GHG is defined as the ratio of the time-integrated radiative forcing from the instantaneous release of 1 kilogram of a trace substance relative to that of 1 kilogram of a reference gas (IPCC 2014). The reference gas used is CO_2; therefore, GWP-weighted emissions are measured in metric tons of CO_2 equivalent (MT CO_2e).

The current version of CalEEMod (version 2016.3.2) assumes that the GWP for CH_4 is 25 (so emissions of 1 MT of CH_4 are equivalent to emissions of 25 MT of CO_2), and the GWP for N_2O is 298, based on the IPCC Fourth Assessment Report (IPCC 2007). The GWP values identified in CalEEMod were applied to the project.

3.2   Regulatory Setting

3.2.1   Federal Regulations

Massachusetts v. EPA. In *Massachusetts v. EPA* (April 2007), the U.S. Supreme Court directed the EPA administrator to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In December 2009, the administrator signed a final rule with the following two distinct findings regarding GHGs under Section 202(a) of the federal Clean Air Act:

- The Administrator found that elevated concentrations of GHGs—CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6—in the atmosphere threaten the public health and welfare of current and future generations. This is the "endangerment finding."
- The Administrator further found the combined emissions of GHGs—CO_2, CH_4, N_2O, and HFCs—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare. This is the "cause or contribute finding."

These two findings were necessary to establish the foundation for regulation of GHGs from new motor vehicles as air pollutants under the Clean Air Act.

Energy Independence and Security Act of 2007. The Energy Independence and Security Act of 2007 (December 2007), among other key measures, would do the following, which would aid in the reduction of national GHG emissions (EPA 2007):

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020, and directs National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy-efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

Federal Vehicle Standards. In response to the U.S. Supreme Court ruling previously discussed, the Bush Administration issued Executive Order (EO) 13432 in 2007 directing the EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011, and in 2010, the EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012–2016 (75 FR 25324–25728).

In 2010, President Barack Obama issued a memorandum directing the Department of Transportation, Department of Energy, EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017–2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO_2 in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency. The final rule was adopted in 2012 for model years 2017–2021 (77 FR 62624–63200). On January 12, 2017, the EPA finalized its decision to maintain the current greenhouse (GHG) emissions standards for model years 2022–2025 cars and light trucks (EPA 2017b).

In addition to the regulations applicable to cars and light-duty trucks described above, in 2011, the EPA and NHTSA announced fuel economy and GHG standards for medium- and heavy-duty trucks for model years 2014–2018 (76 FR 57106–57513). The standards for CO_2 emissions and fuel consumption are tailored to three main vehicle categories: combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles. According to the EPA, this regulatory program will reduce GHG emissions and fuel consumption for the affected vehicles by 6%–23% over the 2010 baselines.

In August 2016, the EPA and NHTSA announced the adoption of the phase two program related to the fuel economy and GHG standards for medium- and heavy-duty trucks. The phase two program will apply to vehicles with model year 2018 through 2027 for certain trailers, and model years 2021 through 2027 for semi-trucks, large pickup trucks, vans, and all types and sizes of buses and work trucks. The final standards are expected to lower CO_2 emissions by approximately 1.1 billion MT and reduce oil consumption by up to 2 billion barrels over the lifetime of the vehicles sold under the program (EPA and NHTSA 2016).

In August 2018, EPA and NHTSA proposed to amend certain fuel economy and GHG standards for passenger cars and light trucks and establish new standards for model years 2021 through 2026. Compared to maintaining the post-2020 standards now in place, the 2018 proposal would increase U.S. fuel consumption by about half a million barrels per day (2%–3% of total daily consumption, according to the Energy Information Administration) and would impact the global climate by 3/1000th of 1°C by 2100 (EPA and NHTSA 2018). California and other states have stated their intent to challenge federal actions that would delay or eliminate GHG reduction measures and have committed to cooperating with other countries to implement global climate change initiatives.

On September 27, 2019, the EPA and NHTSA published the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule Part One: One National Program (84 FR 51310), which became effective November 26, 2019. The Part One Rule revokes California's authority to set its own GHG emissions standards and set zero-emission vehicle mandates in California. On March 31, 2020, the EPA and NHTSA issued the Part Two Rule, which will go into effect 60 days after being published in the Federal Register. The Part Two Rule sets CO_2 emissions standards and corporate average fuel economy standards for passenger vehicles and light-duty trucks for model years 2021 through 2026. This issue is evolving as California and 22 other states, as well as the District of Columbia and four cities, filed suit against the EPA and a petition for reconsideration of the rule on November 26, 2019. The litigation is not expected to be resolved for at least several months.

Clean Power Plan and New Source Performance Standards for Electric Generating Units. On October 23, 2015, EPA published a final rule (effective December 22, 2015) establishing the Carbon Pollution Emission Guidelines for Existing Stationary Sources: Electric Utility Generating Units (80 FR 64510–64660), also known as the Clean Power Plan. These guidelines prescribe how states must develop plans to reduce GHG emissions from existing fossil-fuel-fired electric generating units. The guidelines establish CO_2 emission performance rates representing

the best system of emission reduction for two subcategories of existing fossil-fuel-fired electric generating units: (1) fossil-fuel-fired electric utility steam-generating units, and (2) stationary combustion turbines. Concurrently, the EPA published a final rule (effective October 23, 2015) establishing Standards of Performance for Greenhouse Gas Emissions from New, Modified, and Reconstructed Stationary Sources: Electric Utility Generating Units (80 FR 64661–65120). The rule prescribes CO_2 emission standards for newly constructed, modified, and reconstructed affected fossil-fuel-fired electric utility generating units. The U.S. Supreme Court stayed implementation of the Clean Power Plan pending resolution of several lawsuits.

3.2.2 State Regulations

The statewide GHG emissions regulatory framework is summarized below by category: state climate change targets, building energy, renewable energy and energy procurement, mobile sources, solid waste, water, and other state regulations and goals. The following text describes EOs, legislation, regulations, and other plans and policies that would directly or indirectly reduce GHG emissions and/or address climate change issues.

State Climate Change Targets

The state has taken a number of actions to address climate change. These include EOs, legislation, and CARB plans and requirements. These are summarized below.

EO S-3-05. EO S-3-05 (June 2005) established California's GHG emissions reduction targets and laid out responsibilities among the state agencies for implementing the EO and for reporting on progress toward the targets. This EO established the following targets:

- By 2010, reduce GHG emissions to 2000 levels
- By 2020, reduce GHG emissions to 1990 levels
- By 2050, reduce GHG emissions to 80% below 1990 levels

EO S-3-05 also directed the California Environmental Protection Agency to report biannually on progress made toward meeting the GHG targets and the impacts to California due to global warming, including impacts to water supply, public health, agriculture, the coastline, and forestry. The Climate Action Team (CAT) was formed, which subsequently issued reports from 2006 to 2010 (CAT 2016).

AB 32. In furtherance of the goals established in EO S-3-05, the Legislature enacted AB 32 (Núñez and Pavley). The bill is referred to as the California Global Warming Solutions Act of 2006 (September 27, 2006). AB 32 provided initial direction on creating a comprehensive multiyear program to limit California's GHG emissions at 1990 levels by 2020 and initiate the transformations required to achieve the state's long-range climate objectives.

SB 32 and AB 197. SB 32 and AB 197 (enacted in 2016) are companion bills. SB 32 codified the 2030 emissions reduction goal of EO B-30-15 by requiring CARB to ensure that statewide GHG emissions are reduced to 40% below 1990 levels by 2030. AB 197 established the Joint Legislative Committee on Climate Change Policies, consisting of at least three members of the Senate and three members of the Assembly, in order to provide ongoing oversight over implementation of the state's climate policies. AB 197 also added two members of the Legislature to the Board as nonvoting members; requires CARB to make available and update (at least annually via its website) emissions data for GHGs, criteria air pollutants, and TACs from reporting

facilities; and, requires CARB to identify specific information for GHG emissions reduction measures when updating the scoping plan.

CARB's 2007 Statewide Limit. In 2007, in accordance with California Health and Safety Code, Section 38550, CARB approved a statewide limit on the GHG emissions level for year 2020 consistent with the determined 1990 baseline (427 million metric tons (MMT) CO_2e).

CARB's Climate Change Scoping Plan. One specific requirement of AB 32 is for CARB to prepare a "scoping plan" for achieving the maximum technologically feasible and cost-effective GHG emission reductions by 2020 (Health and Safety Code, Section 38561(a)), and to update the plan at least once every 5 years. In 2008, CARB approved the first scoping plan. The *Climate Change Scoping Plan: A Framework for Change* (*Scoping Plan*) included a mix of recommended strategies that combined direct regulations, market-based approaches, voluntary measures, policies, and other emission reduction programs calculated to meet the 2020 statewide GHG emission limit and initiate the transformations needed to achieve the state's long-range climate objectives. The key elements of the Scoping Plan include the following (CARB 2008):

1. Expanding and strengthening existing energy efficiency programs as well as building and appliance standards

2. Achieving a statewide renewable energy mix of 33%

3. Developing a California cap-and-trade program that links with other Western Climate Initiative partner programs to create a regional market system and caps sources contributing 85% of California's GHG emissions

4. Establishing targets for transportation-related GHG emissions for regions throughout California, and pursuing policies and incentives to achieve those targets

5. Adopting and implementing measures pursuant to existing state laws and policies, including California's clean car standards, goods movement measures, and the Low Carbon Fuel Standard (LCFS 17 CCR, Section 95480 et seq.)

6. Creating targeted fees, including a public goods charge on water use, fees on high GWP gases, and a fee to fund the administrative costs of the State of California's long-term commitment to AB 32 implementation

The Scoping Plan also identified local governments as essential partners in achieving California's goals to reduce GHG emissions because they have broad influence and, in some cases, exclusive authority over activities that contribute to significant direct and indirect GHG emissions through their planning and permitting processes, local ordinances, outreach and education efforts, and municipal operations. Specifically, the Scoping Plan encouraged local governments to adopt a reduction goal for municipal operations and for community emissions to reduce GHGs by approximately 15% from then levels (2008) by 2020. Many local governments developed community-scale local GHG reduction plans based on this Scoping Plan recommendation.

In 2014, CARB approved the first update to the Scoping Plan. The *First Update to the Climate Change Scoping Plan: Building on the Framework* (*First Update)* defined the state's GHG emission reduction priorities for the next 5 years and laid the groundwork to start the transition to the post-2020 goals set forth in EOs S-3-05 and B-16-2012. The *First Update* concluded that California is on track to meet the 2020 target but recommended a 2030 mid-term GHG reduction target be established to ensure a continuum of action to reduce emissions. The *First Update* recommended a mix of technologies in key economic sectors to reduce emissions through 2050

including: energy demand reduction through efficiency and activity changes; large-scale electrification of on-road vehicles, buildings and industrial machinery; decarbonizing electricity and fuel supplies; and, the rapid market penetration of efficient and clean energy technologies. As part of the *First Update*, CARB recalculated the state's 1990 emissions level, using more recent global warming potentials identified by the Intergovernmental Panel on Climate Change, from 427 MMT CO_2e to 431 MMT CO_2e.

In 2015, as directed by EO B-30-15, CARB began working on an update to the Scoping Plan to incorporate the 2030 target of 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050 as set forth in S-3-05. The Governor called on California to pursue a new and ambitious set of strategies, in line with the five climate change pillars from his inaugural address, to reduce GHG emissions and prepare for the unavoidable impacts of climate change. In the summer of 2016, the Legislature affirmed the importance of addressing climate change through passage of Senate Bill (SB) 32 (Pavley, Chapter 249, Statutes of 2016).

In January 2017, CARB released the *2017 Climate Change Scoping Plan Update (2030 Scoping Plan)* for public review and comment (CARB 2017b). The 2030 Scoping Plan builds on the successful framework established in the initial Scoping Plan and First Update, while identifying new, technologically feasible and cost-effective strategies that will serve as the framework to achieve the 2030 GHG target and define the state's climate change priorities to 2030 and beyond. The strategies' "known commitments" include implementing renewable energy and energy efficiency (including the mandates of SB 350), increased stringency of the Low Carbon Fuel Standard, measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed Short-Lived Climate Pollutant Plan, and increased stringency of SB 375 targets. To fill the gap in additional reductions needed to achieve the 2030 target, it recommends continuing the Cap-and-Trade Program and a measure to reduce GHGs from refineries by 20%.

For local governments, the 2030 Scoping Plan replaced the initial Scoping Plan's 15% reduction goal with a recommendation to aim for a community-wide goal of no more than 6 MT CO_2e per capita by 2030 and no more than 2 MT CO_2e per capita by 2050, which are consistent with the state's long-term goals. These goals are also consistent with the Under 2 MOU (Under 2 2016) and the Paris Agreement, which are developed around the scientifically based levels necessary to limit global warming below 2°C. The 2030 Scoping Plan recognized the benefits of local government GHG planning (e.g., through climate action plans (CAPs)) and provide more information regarding tools CARB is working on to support those efforts. It also recognizes the CEQA streamlining provisions for project level review where there is a legally adequate CAP.[9] The Second Update was approved by CARB's Governing Board on December 14, 2017.

The Scoping Plan recommends strategies for implementation at the statewide level to meet the goals of AB 32, SB 32, and the EOs and establishes an overall framework for the measures that will be adopted to reduce California's GHG emissions. A project is considered consistent with the statutes and EOs if it meets the general policies in reducing GHG emissions to facilitate the achievement of the state's goals and does not impede attainment of those goals. As discussed in several cases, a given project need not be in perfect conformity with

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9   *Sierra Club v. County of Napa* (2004) 121 Cal.App.4th 1490; *San Francisco Tomorrow et al. v. City and County of San Francisco* (2015) 229 Cal.App.4th 498; *San Franciscans Upholding the Downtown Specific Plan v. City and County of San Francisco* (2002) 102 Cal.App.4th 656; *Sequoyah Hills Homeowners Assn. V. City of Oakland* (1993) 23 Cal.App.4th 704, 719.

each and every planning policy or goals to be consistent. A project would be consistent, if it will further the objectives and not obstruct their attainment.

CARB's Regulations for the Mandatory Reporting of Greenhouse Gas Emissions. CARB's Regulation for the Mandatory Reporting of Greenhouse Gas Emissions (17 CCR 95100–95157) incorporated by reference certain requirements that EPA promulgated in its Final Rule on Mandatory Reporting of Greenhouse Gases (Title 40, CFR, Part 98). Specifically, Section 95100(c) of the Mandatory Reporting Regulation incorporated those requirements that EPA promulgated in the Federal Register on October 30, 2009; July 12, 2010; September 22, 2010; October 28, 2010; November 30, 2010; December 17, 2010; and April 25, 2011. In general, entities subject to the Mandatory Reporting Regulation that emit over 10,000 MT CO_2e per year are required to report annual GHGs through the California Electronic GHG Reporting Tool. Certain sectors, such as refineries and cement plants, are required to report regardless of emission levels. Entities that emit more than the 25,000 MT CO_2e per year threshold are required to have their GHG emission report verified by a CARB-accredited third-party verified.

EO B-18-12. EO B-18-12 (April 2012) directed state agencies, departments, and other entities under the governor's executive authority to take action to reduce entity-wide GHG emissions by at least 10% by 2015 and 20% by 2020, as measured against a 2010 baseline. EO B-18-12 also established goals for existing state buildings for reducing grid-based energy purchases and water use.

EO B-30-15. EO B-30-15 (April 2015) identified an interim GHG reduction target in support of targets previously identified under S-3-05 and AB 32. EO B-30-15 set an interim target goal of reducing GHG emissions to 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050 as set forth in S-3-05. To facilitate achieving this goal, EO B-30-15 called for CARB to update the Scoping Plan to express the 2030 target in terms of MMT CO_2e. The EO also called for state agencies to continue to develop and implement GHG emission reduction programs in support of the reduction targets.

SB 605 and SB 1383. SB 605 (2014) requires CARB to complete a comprehensive strategy to reduce emissions of short-lived climate pollutants (SLCPs) in the state; and SB 1383 (2016) requires CARB to approve and implement that strategy by January 1, 2018. SB 1383 also establishes specific targets for the reduction of SLCPs (40% below 2013 levels by 2030 for methane and HFCs, and 50% below 2013 levels by 2030 for anthropogenic black carbon), and provides direction for reductions from dairy and livestock operations and landfills. Accordingly, and as mentioned above, CARB adopted its *Short-Lived Climate Pollutant Reduction Strategy* (*SLCP Reduction Strategy*) in March 2017. The *SLCP Reduction Strategy* establishes a framework for the statewide reduction of emissions of black carbon, methane, and fluorinated gases.

Building Energy

Title 24, Part 6. Title 24 of the California Code of Regulations was established in 1978 and serves to enhance and regulate California's building standards. While not initially promulgated to reduce GHG emissions, Part 6 of Title 24 specifically established Building Energy Efficiency Standards that are designed to ensure new and existing buildings in California achieve energy efficiency and preserve outdoor and indoor environmental quality. These energy efficiency standards are reviewed every few years by the Building Standards Commission and the California Energy Commission (CEC) (and revised if necessary) (California Public Resources Code, Section 25402(b)(1)). The regulations receive input from members of industry, as well as the public, with the goal of "reducing of wasteful, uneconomic, inefficient, or unnecessary consumption of energy" (California Public

Resources Code, Section 25402). These regulations are carefully scrutinized and analyzed for technological and economic feasibility (California Public Resources Code, Section 25402(d)) and cost effectiveness (California Public Resources Code, Sections 25402(b)(2) and (b)(3)). As a result, these standards save energy, increase electricity supply reliability, increase indoor comfort, avoid the need to construct new power plants, and help preserve the environment.

The 2019 Title 24 standards are the currently applicable building energy efficiency standards, and became effective on January 1, 2020. The 2019 Title 24 Building Energy Efficiency Standards will further reduce energy used and associated GHG emissions compared to prior standards. In general, single-family residences built to the 2019 standards are anticipated to use approximately 7% less energy due to energy efficiency measures than those built to the 2016 standards; once rooftop solar electricity generation is factored in, single-family residences built under the 2019 standards will use approximately 53% less energy than those under the 2016 standards (CEC 2018). Nonresidential buildings built to the 2019 standards are anticipated to use an estimated 30% less energy than those built to the 2016 standards (CEC 2018).

Title 24, Part 11. In addition to the CEC's efforts, in 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (Part 11 of Title 24) is commonly referred to as California's Green Building Standards (CALGreen), and establishes minimum mandatory standards as well as voluntary standards pertaining to the planning and design of sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and interior air quality. The CALGreen standards took effect in January 2011 and instituted mandatory minimum environmental performance standards for all ground-up, new construction of commercial, low-rise residential and state-owned buildings and schools and hospitals. The CALGreen 2019 standards, which are the current standards, became effective January 1, 2020.

The mandatory standards require the following (24 CCR Part 11):

- Mandatory reduction in indoor water use through compliance with specified flow rates for plumbing fixtures and fittings
- Mandatory reduction in outdoor water use through compliance with a local water efficient landscaping ordinance or the California Department of Water Resources' Model Water Efficient Landscape Ordinance
- When available, recycled water systems are required for residential landscaping irrigation systems.
- 65% of construction and demolition waste must be diverted from landfills
- Mandatory inspections of energy systems to ensure optimal working efficiency
- Inclusion of electric vehicle charging stations or designated spaces capable of supporting future charging stations
- Low-pollutant emitting exterior and interior finish materials, such as paints, carpets, vinyl flooring, and particle boards

The CALGreen standards also include voluntary efficiency measures that are provided at two separate tiers and implemented at the discretion of local agencies and applicants. CALGreen's Tier 1 standards call for a 15% improvement in energy requirements; stricter water conservation, 65% diversion of construction and demolition waste, 10% recycled content in building materials, 20% permeable paving, and 20% cement reduction. CALGreen's more rigorous Tier 2 standards call for a 30% improvement in energy requirements, stricter water conservation, 80% diversion of construction and demolition waste, 15% recycled content in building materials, 30% permeable paving, and 25% cement reduction.

The California Building Standards Commission approved amendments to the voluntary measures of the CALGreen standards in December 2018. The 2019 CALGreen standards will become effective January 1, 2020. As with the 2019 Title 24 standards, the 2019 CALGreen standards focus on building energy efficiency. As previously discussed, current CalGreen Tier 1 and 2 structure relies on percentage targets of 15 percent and 30 percent above standard code. These percentages would be replaced by Energy Design Rating (EDR) scores; somewhere between 14 and 12 for Tier 1 and 0 for Tier 2, where an EDR score of 0 is the threshold for Zero Net Energy code building.

Title 20. Title 20 of the California Code of Regulations requires manufacturers of appliances to meet state and federal standards for energy and water efficiency. The CEC certifies an appliance based on a manufacturer's demonstration that the appliance meets the standards. New appliances regulated under Title 20 include refrigerators, refrigerator-freezers, and freezers; room air conditioners and room air-conditioning heat pumps; central air conditioners; spot air conditioners; vented gas space heaters; gas pool heaters; plumbing fittings and plumbing fixtures; fluorescent lamp ballasts; lamps; emergency lighting; traffic signal modules; dishwaters; clothes washers and dryers; cooking products; electric motors; low-voltage dry-type distribution transformers; power supplies; televisions and consumer audio and video equipment; and battery charger systems. Title 20 presents protocols for testing each type of appliance covered under the regulations and appliances must meet the standards for energy performance, energy design, water performance and water design. Title 20 contains three types of standards for appliances: federal and state standards for federally regulated appliances, state standards for federally regulated appliances, and state standards for non-federally regulated appliances.

Senate Bill 1. SB 1 (Murray) (August 2006) established a $3 billion rebate program to support the goal of the state to install rooftop solar energy systems with a generation capacity of 3,000 megawatts through 2016. SB 1 added sections to the Public Resources Code, including Chapter 8.8 (California Solar Initiative), that require building projects applying for ratepayer-funded incentives for photovoltaic systems to meet minimum energy efficiency levels and performance requirements. Section 25780 established that it is a goal of the state to establish a self-sufficient solar industry. The goals included establishing solar energy systems as a viable mainstream option for both homes and businesses within 10 years of adoption, and placing solar energy systems on 50% of new homes within 13 years of adoption. SB 1, also termed "Go Solar California," was previously titled "Million Solar Roofs."

California AB 1470 (Solar Water Heating). This bill established the Solar Water Heating and Efficiency Act of 2007. The bill makes findings and declarations of the Legislature relating to the promotion of solar water heating systems and other technologies that reduce natural gas demand. The bill defines several terms for purposes of the act. The bill requires the commission to evaluate the data available from a specified pilot program, and, if it makes a specified determination, to design and implement a program of incentives for the installation of 200,000 solar water heating systems in homes and businesses throughout the state by 2017.

Renewable Energy and Energy Procurement

SB 1078. SB 1078 (Sher) (September 2002) established the Renewable Portfolio Standard (RPS) program, which required an annual increase in renewable generation by the utilities equivalent to at least 1% of sales, with an aggregate goal of 20% by 2017. This goal was subsequently accelerated, requiring utilities to obtain 20% of their power from renewable sources by 2010 (see SB 107, EO S-14-08, and S-21-09).

SB 1368. SB 1368 (September 2006), required the CEC to develop and adopt regulations for GHG emission performance standards for the long-term procurement of electricity by local publicly owned utilities. These standards must be consistent with the standards adopted by the California Public Utilities Commission (CPUC).

AB 1109. Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general-purpose lighting, to reduce electricity consumption 50% for indoor residential lighting and 25% for indoor commercial lighting.

EO S-14-08. EO S-14-08 (November 2008) focused on the contribution of renewable energy sources to meet the electrical needs of California while reducing the GHG emissions from the electrical sector. This EO required that all retail suppliers of electricity in California serve 33% of their load with renewable energy by 2020. Furthermore, the EO directed state agencies to take appropriate actions to facilitate reaching this target. The California Natural Resources Agency (CNRA), through collaboration with the CEC and California Department of Fish and Wildlife (formerly the California Department of Fish and Game), was directed to lead this effort.

EO S-21-09 and SBX1-2. EO S-21-09 (September 2009) directed CARB to adopt a regulation consistent with the goal of EO S-14-08 by July 31, 2010. CARB was further directed to work with the CPUC and CEC to ensure that the regulation builds upon the RPS program and was applicable to investor-owned utilities, publicly owned utilities, direct access providers, and community choice providers. Under this order, CARB was to give the highest priority to those renewable resources that provide the greatest environmental benefits with the least environmental costs and impacts on public health and can be developed the most quickly in support of reliable, efficient, cost-effective electricity system operations. On September 23, 2010, CARB initially approved regulations to implement a Renewable Electricity Standard. However, this regulation was not finalized because of subsequent legislation (SB X1-2, Simitian, statutes of 2011) signed by Governor Brown in April 2011.

SB X1 2 expanded the Renewables Portfolio Standard by establishing a renewable energy target of 20% of the total electricity sold to retail customers in California per year by December 31, 2013, and 33% by December 31, 2020, and in subsequent years. Under the bill, a renewable electrical generation facility is one that uses biomass, solar thermal, photovoltaic, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation (30 megawatts or less), digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and that meets other specified requirements with respect to its location.

SB X1-2 applies to all electricity retailers in the state including publicly owned utilities, investor-owned utilities, electricity service providers, and community choice aggregators. All of these entities must meet the renewable energy goals previously listed.

SB 350. SB 350 (October 2015) further expanded the RPS by establishing a goal of 50% of the total electricity sold to retail customers in California per year by December 31, 2030. In addition, SB 350 included the goal to double the energy efficiency savings in electricity and natural gas final end uses (e.g., heating, cooling, lighting, or class of energy uses on which an energy-efficiency program is focused) of retail customers through energy conservation and efficiency. The bill also requires the CPUC, in consultation with the CEC, to establish efficiency targets for electrical and gas corporations consistent with this goal.

SB 100. SB 100 (2018) increased the standards set forth in SB 350 establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of

the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California. This bill requires that the achievement of 100% zero-carbon electricity resources do not increase the carbon emissions elsewhere in the western grid and that the achievement not be achieved through resource shuffling.

Mobile Sources

AB 1493. AB 1493 (Pavley) (July 2002) was enacted in a response to the transportation sector accounting for more than half of California's CO_2 emissions. AB 1493 required CARB to set GHG emission standards for passenger vehicles, light-duty trucks, and other vehicles determined by the state board to be vehicles that are primarily used for noncommercial personal transportation in the state. The bill required that CARB set GHG emission standards for motor vehicles manufactured in 2009 and all subsequent model years. CARB adopted the standards in September 2004. When fully phased in, the near-term (2009–2012) standards will result in a reduction of about 22% in GHG emissions compared to the emissions from the 2002 fleet, while the mid-term (2013–2016) standards will result in a reduction of about 30%.

Heavy Duty Diesel. CARB adopted the final Heavy Duty Truck and Bus Regulation, Title 13, Division 3, Chapter 1, Section 2025, on December 31, 2014, to reduce PM and NO_x emissions from heavy-duty diesel vehicles. The rule requires PM filters be applied to newer heavier trucks and buses by January 1, 2012, with older vehicles required to comply by January 1, 2015. The rule will require nearly all diesel trucks and buses to be compliant with the 2010 model year engine requirement by January 1, 2023. CARB also adopted an Airborne Toxic Control Measure to limit idling of diesel-fueled commercial vehicles on December 12, 2013. This rule requires diesel-fueled vehicles with gross vehicle weights greater than 10,000 pounds to idle no more than 5 minutes at any location (13 CCR 2485).

EO S-1-07. EO S-1-07 (January 2007, implementing regulation adopted in April 2009) sets a declining LCFS for GHG emissions measured in CO_2e grams per unit of fuel energy sold in California. The target of the LCFS is to reduce the carbon intensity of California passenger vehicle fuels by at least 10% by 2020 (17 CCR 95480 et seq.). The carbon intensity measures the amount of GHG emissions in the lifecycle of a fuel, including extraction/feedstock production, processing, transportation, and final consumption, per unit of energy delivered.

SB 375. SB 375 (Steinberg) (September 2008) addresses GHG emissions associated with the transportation sector through regional transportation and sustainability plans. SB 375 requires CARB to adopt regional GHG reduction targets for the automobile and light-truck sector for 2020 and 2035 and to update those targets every 8 years. SB 375 requires the state's 18 regional metropolitan planning organizations (MPOs) to prepare a Sustainable Communities Strategy (SCS) as part of their Regional Transportation Plan (RTP) that will achieve the GHG reduction targets set by CARB. If a MPO is unable to devise an SCS to achieve the GHG reduction target, the MPO must prepare an Alternative Planning Strategy demonstrating how the GHG reduction target would be achieved through alternative development patterns, infrastructure, or additional transportation measures or policies.

Pursuant to Government Code, Section 65080(b)(2)(K), a SCS does not: (i) regulate the use of land; (ii) supersede the land use authority of cities and counties; or (iii) require that a city's or county's land use policies and regulations, including those in a general plan, be consistent with it. Nonetheless, SB 375 makes regional and local planning agencies responsible for developing those strategies as part of the federally required metropolitan transportation planning process and the state-mandated housing element process.

In September 2010, CARB adopted the first SB 375 targets for the regional metropolitan planning organizations. The targets for SCAG are an 8% reduction in emissions per capita by 2020 and a 13% reduction by 2035. Achieving these goals through adoption of a SCS is the responsibility of the metropolitan planning organizations. SCAG adopted its first RTP/SCS in April 2012. The plan quantified a 9% reduction by 2020 and a 16% reduction by 2035 (SCAG 2012). In June 2012, CARB accepted SCAG's quantification of GHG reductions and its determination the SCS, if implemented, would achieve SCAG targets. On April 4, 2016, the SCAG Regional Council adopted the 2016 RTP/SCS, which builds upon the progress made in the 2012 RTP/SCS. The updated RTP/SCS quantified an 8% reduction by 2020 and an 18% reduction by 2030 (SCAG 2016). In June 2016, CARB accepted SCAG's quantification of GHG reductions and its determination the SCS, if implemented, would achieve SCAG targets. In March 2018, CARB approved SCAG's updated targets of an 8% reduction by 2020 and a 19% reduction by 2030, effective October 1, 2018, which are consistent with the reduction targets from the Connect SoCal (2020-2045 RTP/SCS), adopted May 2020 (SCAG 2020).

Advanced Clean Cars Program and Zero-Emissions Vehicle Program. The Advanced Clean Cars program (January 2012) is a new emissions-control program for model years 2015 through 2025. The program combines the control of smog- and soot-causing pollutants and GHG emissions into a single coordinated package. The package includes elements to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars (CARB 2012). To improve air quality, CARB has implemented new emission standards to reduce smog-forming emissions beginning with 2015 model year vehicles. It is estimated that in 2025 cars will emit 75% less smog-forming pollution than the average new car sold today. To reduce GHG emissions, CARB, in conjunction with the EPA and the NHTSA, adopted new GHG standards for model year 2017 to 2025 vehicles; the new standards are estimated to reduce GHG emissions by 34% in 2025. The ZEV program will act as the focused technology of the Advanced Clean Cars program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid electric vehicles in the 2018 to 2025 model years.

EO B-16-12. EO B-16-12 (March 2012) required that state entities under the governor's direction and control support and facilitate the rapid commercialization of ZEVs. It ordered CARB, CEC, CPUC, and other relevant agencies to work with the Plug-in Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to help achieve benchmark goals by 2015, 2020, and 2025. On a statewide basis, EO B-16-12 established a target reduction of GHG emissions from the transportation sector equaling 80% less than 1990 levels by 2050. This directive did not apply to vehicles that have special performance requirements necessary for the protection of the public safety and welfare. As explained under the "Federal Vehicle Standards" description above, EPA and NHTSA approved the SAFE Vehicles Rule Part One and Two, which revoked California's authority to set its own GHG emissions standards and set zero-emission vehicle mandates in California. As the EPA rule is the subject of pending legal challenges, and CARB has not issued GHG adjustment factors for EMFAC, this analysis continues to utilize the best available information at this time, as set forth in EMFAC.

AB 1236. AB 1236 (October 2015) (Chiu) required a city, county, or city and county to approve an application for the installation of electric vehicle charging stations, as defined, through the issuance of specified permits unless the city or county makes specified written findings based upon substantial evidence in the record that the proposed installation would have a specific, adverse impact upon the public health or safety, and there is no feasible method to satisfactorily mitigate or avoid the specific, adverse impact. The bill provided for appeal of that decision to the planning commission, as specified. The bill provided that the implementation of consistent statewide standards to achieve the timely and cost-effective installation of electric vehicle charging stations is a matter of statewide concern. The bill required electric vehicle charging stations to meet specified standards. The

bill required a city, county, or city and county with a population of 200,000 or more residents to adopt an ordinance, by September 30, 2016, that created an expedited and streamlined permitting process for electric vehicle charging stations, as specified. The bill also required a city, county, or city and county with a population of less than 200,000 residents to adopt this ordinance by September 30, 2017.

Water

EO B-29-15. In response to the ongoing drought in California, EO B-29-15 (April 2015) set a goal of achieving a statewide reduction in potable urban water usage of 25% relative to water use in 2013. The term of the EO extended through February 28, 2016, although many of the directives have become permanent water-efficiency standards and requirements. The EO includes specific directives that set strict limits on water usage in the state. In response to EO B-29-15, the California Department of Water Resources has modified and adopted a revised version of the Model Water Efficient Landscape Ordinance that, among other changes, significantly increases the requirements for landscape water use efficiency and broadens its applicability to include new development projects with smaller landscape areas.

Solid Waste

AB 939 and AB 341. In 1989, AB 939, known as the Integrated Waste Management Act (California Public Resources Code, Sections 40000 et seq.), was passed because of the increase in waste stream and the decrease in landfill capacity. The statute established the California Integrated Waste Management Board, which oversees a disposal reporting system. AB 939 mandated a reduction of waste being disposed where jurisdictions were required to meet diversion goals of all solid waste through source reduction, recycling, and composting activities of 25% by 1995 and 50% by the year 2000.

AB 341 (Chapter 476, Statutes of 2011 [Chesbro]) amended the California Integrated Waste Management Act of 1989 to include a provision declaring that it is the policy goal of the state that not less than 75% of solid waste generated be source-reduced, recycled, or composted by the year 2020, and annually thereafter. In addition, AB 341 required the California Department of Resources Recycling and Recovery (CalRecycle) to develop strategies to achieve the state's policy goal. CalRecycle conducted several general stakeholder workshops and several focused workshops and in August 2015 published a discussion document titled AB 341 Report to the Legislature, which identifies five priority strategies that CalRecycle believes would assist the state in reaching the 75% goal by 2020, legislative and regulatory recommendations and an evaluation of program effectiveness (CalRecycle 2012).

Other State Actions

Senate Bill 97. SB 97 (Dutton) (August 2007) directed the Governor's Office of Planning and Research (OPR) to develop guidelines under CEQA for the mitigation of GHG emissions. In 2008, OPR issued a technical advisory as interim guidance regarding the analysis of GHG emissions in CEQA documents. The advisory indicated that the lead agency should identify and estimate a project's GHG emissions, including those associated with vehicular traffic, energy consumption, water usage, and construction activities (OPR 2008). The advisory further recommended that the lead agency determine significance of the impacts and impose all mitigation measures necessary to reduce GHG emissions to a level that is less than significant. The CNRA adopted the CEQA Guidelines amendments in December 2009, which became effective in March 2010.

Under the amended Guidelines, a lead agency has the discretion to determine whether to use a quantitative or qualitative analysis or apply performance standards to determine the significance of GHG emissions resulting from a particular project (14 CCR 15064.4(a)). The Guidelines require a lead agency to consider the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4(b)). The Guidelines also allow a lead agency to consider feasible means of mitigating the significant effects of GHG emissions, including reductions in emissions through the implementation of project features or off-site measures. The adopted amendments do not establish a GHG emission threshold, instead allowing a lead agency to develop, adopt, and apply its own thresholds of significance or those developed by other agencies or experts. The CNRA also acknowledges that a lead agency may consider compliance with regulations or requirements implementing AB 32 in determining the significance of a project's GHG emissions (CNRA 2009).

With respect to GHG emissions, the CEQA Guidelines state in Section 15064.4(a) that lead agencies should "make a good faith effort, to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions. The CEQA Guidelines note that an agency may identify emissions by either selecting a "model or methodology" to quantify the emissions or by relying on "qualitative analysis or other performance based standards" (14 CCR 15064.4(a)). Section 15064.4(b) states that the lead agency should consider the following when assessing the significance of impacts from GHG emissions on the environment: (1) the extent a project may increase or reduce GHG emissions as compared to the existing environmental setting; (2) whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; and (3) the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4(b)).

EO S-13-08. EO S-13-08 (November 2008) is intended to hasten California's response to the impacts of global climate change, particularly sea-level rise. Therefore, the EO directs state agencies to take specified actions to assess and plan for such impacts. The final 2009 California Climate Adaptation Strategy report was issued in December 2009 (CNRA 2009), and an update, Safeguarding California: Reducing Climate Risk, followed in July 2014 (CNRA 2014). To assess the state's vulnerability, the report summarizes key climate change impacts to the state for the following areas: Agriculture, Biodiversity and Habitat, Emergency Management, Energy, Forestry, Ocean and Coastal Ecosystems and Resources, Public Health, Transportation, and Water. Issuance of the Safeguarding California: Implementation Action Plans followed in March 2016 (CNRA 2016). In January 2018, the CNRA released the Safeguarding California Plan: 2018 Update, which communicates current and needed actions that state government should take to build climate change resiliency (CNRA 2018).

2015 State of the State Address. In January 2015, Governor Brown in his inaugural address and annual report to the Legislature established supplementary goals, which would further reduce GHG emissions over the next 15 years. These goals include an increase in California's renewable energy portfolio from 33% to 50%, a reduction in vehicle petroleum use for cars and trucks by up to 50%, measures to double the efficiency of existing buildings, and decreasing emissions associated with heating fuels.

2016 State of the State Address. In his January 2016 address, Governor Brown established a statewide goal to bring per capita GHG emission down to two tons per person, which reflects the goal of the Global Climate Leadership Memorandum of Understanding (Under 2 MOU) to limit global warming to less than two degrees Celsius by 2050. The Under 2 MOU agreement pursues emission reductions of 80% to 95% below 1990 levels by 2050 and/or reaching a per capita annual emissions goal of less than 2 metric tons by 2050. A total of 135

jurisdictions representing 32 countries and 6 continents, including California, have signed or endorsed the Under 2 MOU (Under 2 2016).

3.2.3   Local Regulations

3.2.3.1   South Coast Air Quality Management District

Air districts typically act in an advisory capacity to local governments in establishing the framework for environmental review of air pollution impacts under CEQA. This may include recommendations regarding significance thresholds, analytical tools to estimate emissions and assess impacts, and mitigations for potentially significant impacts. Although air districts will also address some of these issues on a project-specific basis as responsible agencies, they may provide general guidance to local governments on these issues (SCAQMD 2008). As discussed in Section 3.4.1, Thresholds of Significance, the SCAQMD has recommended numeric CEQA significance thresholds for GHG emissions for lead agencies to use in assessing GHG impacts of residential and commercial development projects; however, these thresholds were not adopted. See Section 2.2.3.1, South Coast Air Quality Management District, for additional discussion on the SCAQMD.

3.2.3.2   Southern California Association of Governments

The SCAG implements the RTP/SCS for the region in accordance with the state goals for achieving SB 375 GHG reductions. Please see Section 2.2.3.2 for additional discussion regarding the SCAG's RTP/SCS.

3.2.3.2   City of Sierra Madre General Plan

The Air Quality Element of the City's General Plan (City of Sierra Madre 2015) includes the goals and policies that result in co-benefits with reducing GHG emissions. The Air Quality Element of the City's General Plan is discussed in Section 2.2.3.3. The Transportation Element includes issues and policies that result in benefits with reducing GHG emissions, these applicable issues and policies are as follows:

Policy L51.5   Encourage and support the use of non-automotive travel throughout the City.

Policy L51.6   Encourage City staff, employees, residents and visitors to walk and bicycle as often as possible.

Policy L51.7   Utilize non-automotive transportation solutions as a tool to further goals related to environmental sustainability and economic development.

Policy L51.8   Prioritize improvements for non-vehicular modes like bicycles, pedestrians, and transit to eliminate the need for new or expanded roadways and intersection improvements like traffic signals.

3.3 Greenhouse Gas Inventories and Climate Change Conditions

3.3.1 Sources of Greenhouse Gas Emissions

Per the EPA's *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2018* (EPA 2020b), total United States GHG emissions were approximately 6,677 million MT CO_2e in 2018. The primary GHG emitted by human activities in the United States was CO_2, which represented approximately 81% of total GHG emissions. The largest source of CO_2, and of overall GHG emissions, was fossil-fuel combustion, which accounted for approximately 92.8% of CO_2 emissions in 2018. Relative to 1990, gross United States GHG emissions in 2018 are higher by 3.7%; down from a high of 15.5% above 1990 levels in 2007. GHG emissions increased from 2017 to 2018 by 3.1% and overall, net emissions in 2018 were 10.2% below 2005 levels (EPA 2020b).

According to California's 2000–2018 GHG emissions inventory (2020 edition), California emitted 425 MMT CO_2e in 2018, including emissions resulting from out-of-state electrical generation (CARB 2020b). The sources of GHG emissions in California include transportation, industry, electric power production from both in-state and out-of-state sources, residential and commercial activities, agriculture, high GWP substances, and recycling and waste. The California GHG emission source categories and their relative contributions in 2018 are presented in Table 14.

Table 14. Greenhouse Gas Emissions Sources in California

Source Category	Annual GHG Emissions (MMT CO_2e)	Percent of Total[a]
Transportation	169.50	40%
Industrial	89.18	21%
Electric power[b]	63.11	15%
Commercial and residential	41.37	10%
Agriculture	32.57	8%
High global-warming potential substances	20.46	5%
Recycling and waste	9.09	2%
Total	425.28	100%

Source: CARB 2020b.
Notes: GHG = greenhouse gas; MMT CO_2e = million metric tons of carbon dioxide equivalent.
Emissions reflect the 2018 California GHG inventory.
[a]   Percentage of total has been rounded, and total may not sum due to rounding.
[b]   Includes emissions associated with imported electricity, which account for 24.57 MMT CO_2e annually.

3.3.2 Potential Effects of Climate Change

Globally, climate change has the potential to affect numerous environmental resources through uncertain impacts related to future air temperatures and precipitation patterns. The 2014 *Intergovernmental Panel on Climate Change Synthesis Report* (IPCC 2014) indicated that warming of the climate system is unequivocal, and since the 1950s, many of the observed changes are unprecedented over decades to millennia. Signs that global

climate change has occurred include warming of the atmosphere and ocean, diminished amounts of snow and ice, and rising sea levels (IPCC 2014).

In California, climate change impacts have the potential to affect sea-level rise, agriculture, snowpack and water supply, forestry, wildfire risk, public health, and electricity demand and supply (California Climate Change Center (CCCC) 2006). The primary effect of global climate change has been a 0.2°C (0.36°F) rise in average global tropospheric temperature per decade, determined from meteorological measurements worldwide between 1990 and 2005. Scientific modeling predicts that continued emissions of GHGs at or above current rates would induce more extreme climate changes during the twenty-first century than were observed during the twentieth century. A warming of about 0.2°C (0.36°F) per decade is projected, and there are identifiable signs that global warming could be taking place.

Although climate change is driven by global atmospheric conditions, climate change impacts are felt locally. A scientific consensus confirms that climate change is already affecting California. The average temperatures in California have increased, leading to more extreme hot days and fewer cold nights. Shifts in the water cycle have been observed, with less winter precipitation falling as snow, and both snowmelt and rainwater running off earlier in the year. Sea levels have risen, and wildland fires are becoming more frequent and intense due to dry seasons that start earlier and end later (CAT 2010).

An increase in annual average temperature is a reasonably foreseeable effect of climate change. Observed changes over the last several decades across the western United States reveal clear signals of climate change. Statewide average temperatures increased by about 1.7°F from 1895 to 2011, and warming has been greatest in the Sierra Nevada (CCCC 2012). By 2050, California is projected to warm by approximately 2.7°F above 2000 averages, a threefold increase in the rate of warming over the last century. By 2100, average temperatures could increase by 4.1°F to 8.6°F, depending on emissions levels. Springtime warming—a critical influence on snowmelt—will be particularly pronounced. Summer temperatures will rise more than winter temperatures, and the increases will be greater in inland California, compared to the coast. Heat waves will be more frequent, hotter, and longer. There will be fewer extremely cold nights (CCCC 2012). A decline of Sierra Nevada snowpack, which accounts for approximately half of the surface water storage in California, by 30% to as much as 90% is predicted over the next 100 years (CAT 2006).

Model projections for precipitation over California continue to show the Mediterranean pattern of wet winters and dry summers with seasonal, year-to-year, and decade-to-decade variability. For the first time, however, several of the improved climate models shift toward drier conditions by the mid-to-late twenty-first century in central, and most notably, Southern California. By the late century, all projections show drying, and half of them suggest 30-year average precipitation will decline by more than 10% below the historical average (CCCC 2012).

A summary of current and future climate change impacts to resource areas in California, as discussed in the *Safeguarding California: Reducing Climate Risk* (CNRA 2014), is provided below.

Agriculture. Some of the specific challenges faced by the agricultural sector and farmers include more drastic and unpredictable precipitation and weather patterns; extreme weather events that range from severe flooding to extreme drought, to destructive storm events; significant shifts in water availably and water quality; changes in pollinator lifecycles; temperature fluctuations, including extreme heat stress and decreased chill hours; increased risks from invasive species and weeds, agricultural pests and plant diseases; and disruptions to the transportation and energy infrastructure supporting agricultural production.

Biodiversity and Habitat. Specific climate change challenges to biodiversity and habitat include species migration in response to climatic changes, range shift and novel combinations of species; pathogens, parasites and disease; invasive species; extinction risks; changes in the timing of seasonal life-cycle events; food web disruptions; threshold effects (i.e., a change in the ecosystem that results in a "tipping point" beyond which irreversible damage or loss has occurs).

Energy. Specific climate change challenges for the energy sector include temperature, fluctuating precipitation patterns, increasing extreme weather events, and sea level rise.

Forestry. The most significant climate change related risk to forests is accelerated risk of wildfire and more frequent and severe droughts. Droughts have resulted in more large scale mortalities and combined with increasing temperatures have led to an overall increase in wildfire risks. Increased wildfire intensity subsequently increases public safety risks, property damage, fire suppression and emergency response costs, watershed and water quality impacts, and vegetation conversions.

Ocean and Coastal Ecosystems and Resources. Sea level rise, changing ocean conditions, and other climate change stressors are likely to exacerbate long-standing challenges related to ocean and coastal ecosystems in addition to threatening people and infrastructure located along the California coastline and in coastal communities. Sea level rise in addition to more frequent and severe coastal storms and erosion are threatening vital infrastructure such as roads, bridges, power plants, ports and airports, gasoline pipes, and emergency facilities as well as negatively impacting the coastal recreational assets such as beaches and tidal wetlands.

Public Health. Climate change can impact public health through various environmental changes and is the largest threat to human health in the twenty-first century. Changes in precipitation patterns affect public health primarily through potential for altered water supplies, and extreme events such as heat, floods, droughts, and wildfires. Increased frequency, intensity and duration of extreme heat and heat waves are likely to increase the risk of mortality due to heat related illness as well as exacerbate existing chronic health conditions. Other extreme weather events are likely to negatively impact air quality and increase or intensify respiratory illness such as asthma and allergies.

Transportation. While the transportation industry is a source of GHG emissions it is also vulnerable to climate change risks. Increasing temperatures and extended periods of extreme heat threaten the integrity of the roadways and rail lines. High temperatures cause the road surfaces to expand which leads to increased pressure and pavement buckling. High temperatures can also cause rail breakages, which could lead to train derailment. Other forms of extreme weather events, such as extreme storm events, can negatively impact infrastructure, which can impair movement of peoples and goods, or potentially block evacuation routes and emergency access roads. Increased wildfires, flooding, erosion risks, landslides, mudslides and rockslides can all profoundly impact the transportation system and pose a serious risk to public safety.

Water. Climate change could seriously impact the timing, form, amount of precipitation, runoff patterns, and frequency and severity of precipitation events. Higher temperatures reduce the amount of snowpack and lead to earlier snowmelt, which can impact water supply availability, natural ecosystems and winter recreation. Water supply availability during the intense dry summer months is heavily dependent on the snowpack accumulated during the winter time. Increased risk of flooding has a variety of public health concerns including water quality, public safety, property damage, displacement and post-disaster mental health problems. Prolonged and intensified droughts can also negatively groundwater reserves and result in increased overdraft and subsidence. The higher risk of wildfires can lead to increased erosion, which can negatively impact watersheds and result in poor water quality.

In March 2016, the CNRA released *Safeguarding California: Implementation Action Plans*, a document that shows how California is acting to convert the recommendations contained in the 2014 *Safeguarding California* plan into action (CNRA 2016). Additionally, in May 2017, CNRA released the draft *Safeguarding California Plan: 2017 Update*, which is a survey of current programmatic responses for climate change and contains recommendations for further actions (CNRA 2017).

The CNRA released *Safeguarding California Plan: 2018 Update* in January 2018, which provides a roadmap for state agencies to protect communities, infrastructure, services, and the natural environment from climate change impacts. The 2018 Safeguarding California Plan includes 69 recommendations across 11 sectors and more than 1,000 ongoing actions and next steps developed by scientific and policy experts across 38 state agencies (CNRA 2018). As with previous state adaptation plans, the 2018 Update addresses the following: acceleration of warming across the state, more intense and frequent heat waves, greater riverine flows, accelerating sea level rise, more intense and frequent drought, more severe and frequent wildfires, more severe storms and extreme weather events, shrinking snowpack and less overall precipitation, and ocean acidification, hypoxia, and warming.

3.4　　Significance Criteria and Methodology

3.4.1　　Thresholds of Significance

The significance criteria used to evaluate the project's GHG emissions impacts is based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this GHG emissions analysis, the project would have a significant environmental impact if it would (14 CCR 15000 et seq.):

1. Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?
2. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs?

Global climate change is a cumulative impact; a project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. There are currently no established thresholds for assessing whether the GHG emissions of a project, such as the proposed project, would be considered a cumulatively considerable contribution to global climate change; however, all reasonable efforts should be made to minimize a project's contribution to global climate change. In addition, while GHG impacts are recognized exclusively as cumulative impacts (CAPCOA 2008), GHG emissions impacts must also be evaluated on a project-level under CEQA.

The CEQA Guidelines do not prescribe specific methodologies for performing an assessment, do not establish specific thresholds of significance, and do not mandate specific mitigation measures. Rather, the CEQA Guidelines emphasize the lead agency's discretion to determine the appropriate methodologies and thresholds of significance consistent with the manner in which other impact areas are handled in CEQA (CNRA 2009). The State of California has not adopted emission-based thresholds for GHG emissions under CEQA. The Governor's Office of Planning and Research's Technical Advisory, titled "Discussion Draft CEQA and Climate Change Advisory," states that

> "Neither the CEQA statute nor the CEQA Guidelines prescribe thresholds of significance or particular methodologies for perming an impact analysis. This is left to lead agency judgment and

discretion, based upon factual data and guidance from regulatory agencies and other sources where available and applicable. Even in the absence of clearly defined thresholds for GHG emissions, such emissions must be disclosed and mitigated to the extent feasible whenever the lead agency determines that the project contributes to a significant, cumulative climate change impact. (OPR 2018)Furthermore, the advisory document indicates that "in the absence of regulatory standards for GHG emissions or other scientific data to clearly define what constitutes a 'significant impact,' individual lead agencies may undertake a project-by-project analysis, consistent with available guidance and current CEQA practice." Section 15064.7(c) of the CEQA Guidelines specifies that "when adopting thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies, or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence."

The SCAQMD has not adopted recommended numeric CEQA significance thresholds for GHG emissions for lead agencies to use in assessing GHG impacts of residential and commercial development projects. In October 2008, SCAQMD presented to the Governing Board the *Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold* (2008). The guidance document was not adopted or approved by the Governing Board. This document, which builds on the previous guidance prepared by the California Air Pollution Control Officers Association, explored various approaches for establishing a significance threshold for GHG emissions.

The SCAQMD formed a GHG CEQA Significance Threshold Working Group to work with SCAQMD staff on developing GHG CEQA significance thresholds until statewide significance thresholds or guidelines are established. In December 2008, the SCAQMD adopted an interim 10,000 MT CO_2e per year screening level threshold for stationary source/industrial projects for which the SCAQMD is the lead agency. From December 2008 to September 2010, the SCAQMD hosted working group meetings and revised the draft threshold proposal several times, although it did not officially provide these proposals in a subsequent document. The SCAQMD has continued to consider adoption of significance thresholds for residential and general land use development projects. The most recent proposal, issued in September 2010, uses the following tiered approach to evaluate potential GHG impacts from various uses (SCAQMD 2010):

Tier 1   Determine if CEQA categorical exemptions are applicable. If not, move to Tier 2.

Tier 2   Consider whether or not the proposed project is consistent with a locally adopted GHG reduction plan that has gone through public hearing and CEQA review, that has an approved inventory, includes monitoring, etc. If not, move to Tier 3.

Tier 3   Consider whether the project generates GHG emissions in excess of screening thresholds for individual land uses. The 10,000 MT CO_2e per year threshold for industrial uses would be recommended for use by all lead agencies. Under option 1, separate screening thresholds are proposed for residential projects (3,500 MT CO_2e per year), commercial projects (1,400 MT CO_2e per year), and mixed-use projects (3,000 MT CO_2e per year). Under option 2, a single numerical screening threshold of 3,000 MT CO_2e per year would be used for all non-industrial projects. If the project generates emissions in excess of the applicable screening threshold, move to Tier 4.

Tier 4   Consider whether the project generates GHG emissions in excess of applicable performance standards for the project service population (population plus employment). The efficiency targets were established based on the goal of AB 32 to reduce statewide GHG emissions to 1990 levels by 2020. The 2020 efficiency targets are 4.8 MT CO_2e per service population for project level analyses and 6.6 MT CO_2e per service population for plan level analyses. If the project generates emissions in excess of the applicable efficiency targets, move to Tier 5.

Tier 5   Consider the implementation of CEQA mitigation (including the purchase of GHG offsets) to reduce the project efficiency target to Tier 4 levels.

The City understands that the 3,000 MT CO_2e per year threshold was proposed a decade ago and was never adopted. However, the 3,000 MT CO_2e per year threshold was developed and recommended by SCAQMD, an expert agency, based on substantial evidence as provided in the Draft Guidance Document – Interim CEQA Greenhouse Gas Significance Threshold (2008) document and subsequent Working Group meetings (latest in 2010). This threshold uses the Executive Order S-3-05 goal as the basis, so it is not tied to only the 2020 target year and is thus not outdated. This threshold is also based on the 90% capture rate methodology, which means that 90% of total emissions from all new or modified projects would be subject to some type of CEQA analysis, which was the approach taken by SCAQMD to establish the stationary/industrial source threshold, as well as by the California Air Resources Board (for interim threshold for stationary source projects) and one of the options suggested by the California Air Pollution Control Officers Association (quantitative threshold based on market capture). Further, this threshold has been used for hundreds, if not thousands of GHG analyses performed for projects located within the SCAQMD jurisdiction.

Because the project consists of a residential development and public park, the recommended SCAQMD threshold to apply to the project is the 3,000 MT CO_2e per year for mixed-use projects. Per the SCAQMD guidance, construction emissions should be amortized over the operational life of the project, which is assumed to be 30 years (SCAQMD 2008). This impact analysis, therefore, adds amortized construction emissions to the estimated annual operational emissions and then compares operational emissions to the proposed SCAQMD threshold of 3,000 MT CO_2e per year.

3.4.2   Approach and Methodology

3.4.2.1   Construction

CalEEMod Version 2016.3.2 was used to estimate potential project-generated GHG emissions during construction. Construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. All details for construction criteria air pollutants discussed in Section 2.4.2.1, are also applicable for the estimation of construction-related GHG emissions. As such, see Section 2.4.2.1 for a discussion of construction emissions calculation methodology and assumptions.

3.4.2.2   Operation

Emissions from the operational phase of the project were estimated using CalEEMod Version 2016.3.2. Operational year 2026 was assumed consistent with completion of project construction. CalEEMod Version 2016.3.2 was used to

estimate potential project-generated operational GHG emissions from area sources (landscape maintenance), energy sources (natural gas and electricity), mobile sources, solid waste, and water supply and wastewater treatment. Emissions from each category are discussed in the following text with respect to the project. For additional details, see Section 2.4.2.2, Operational Emissions, for a discussion of operational emission calculation methodology and assumptions, specifically for area, energy (natural gas), and mobile sources.

Area Sources

CalEEMod was used to estimate GHG emissions from the project's area sources, which include operation of gasoline-powered landscape maintenance equipment, which produce minimal GHG emissions. See Section 2.4.2.2, for a discussion of landscaping equipment emissions calculations.

Energy Sources

The estimation of operational energy emissions was based on CalEEMod land use defaults and total area (i.e., square footage) of the project's land uses. The project will comply with Title 24 2019 version at the least and the project is assumed to install solar photovoltaics in accordance with the requirements on its residential portion of the project. CalEEMod default energy intensity factors (CO_2, CH_4, and N_2O mass emissions per kilowatt hour) for SCE is based on the value for SCE's energy mix in 2012. However, the CalEEMod 2016.3.2 assumes compliance with the 2016 version of the Title 24 code.

Mobile Sources

All details for criteria air pollutants discussed in Section 2.4.2.2 are also applicable for the estimation of operational mobile source GHG emissions.

Regulatory measures related to mobile sources include AB 1493 (Pavley) and related federal standards. AB 1493 required that CARB establish GHG emission standards for automobiles, light-duty trucks, and other vehicles determined by CARB to be vehicles that are primarily used for noncommercial personal transportation in the state. In addition, the NHTSA and EPA have established corporate fuel economy standards and GHG emission standards, respectively, for automobiles and light-, medium-, and heavy-duty vehicles. Implementation of these standards and fleet turnover (replacement of older vehicles with newer ones) will gradually reduce emissions from the project's motor vehicles. The effectiveness of fuel economy improvements was evaluated by using the CalEEMod emission factors for motor vehicles in 2026 to the extent it was captured in EMFAC 2014.

The Low Carbon Fuel Standard calls for a 10% reduction in the "carbon intensity" of motor vehicle fuels by 2021, which would further reduce GHG emissions. However, the carbon intensity reduction associated with the Low Carbon Fuel Standard was not assumed in EMFAC 2014 and, thus, was not included in CalEEMod Version 2016.3.2 or the calculations below.

Solid Waste

The project would generate solid waste, and therefore, result in CO_2e emissions associated with landfill off-gassing. CalEEMod default values for solid waste generation were used to estimate GHG emissions associated with solid waste.

Water and Wastewater

Supply, conveyance, treatment, and distribution of water for the project require the use of electricity, which would result in associated indirect GHG emissions. Similarly, wastewater generated by the project requires the use of electricity for conveyance and treatment, along with GHG emissions generated during wastewater treatment. Water consumption estimates for both indoor and outdoor water use and associated electricity consumption from water use and wastewater generation were estimated using CalEEMod default values.

3.5 Impact Analysis

3.5.1 Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Construction Emissions

Construction of the project would result in GHG emissions, which are primarily associated with the use of off-road construction equipment, haul trucks, on-road vendor trucks, and worker vehicles. The SCAQMD *Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold* (2009) recommends that "construction emissions be amortized over a 30-year project lifetime, so that GHG reduction measures will address construction GHG emissions as part of the operational GHG reduction strategies." Thus, the total construction GHG emissions were calculated, amortized over 30 years, and added to the total operational emissions.

CalEEMod was used to calculate the annual GHG emissions based on the construction scenario described in Section 2.4.2.1. Construction of the project is anticipated to commence in February 2024 and would last approximately 16 months, ending in May 2025. On-site sources of GHG emissions include off-road equipment and off-site sources including haul trucks, vendor trucks, and worker vehicles. Table 15 presents construction emissions for the project in 2024 and 2025 from on-site and off-site emission sources.

Table 15. Estimated Annual Construction Greenhouse Gas Emissions - Unmitigated

	CO_2	CH_4	N_2O	CO_2e
Year	*Metric Tons per Year*			
2024	922.98	0.18	0.00	927.54
2025	232.10	0.03	0.00	232.90
			Total	1,160.44
	Amortized emissions over 30 years (MT CO_2e per year)			38.68

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent.
See Appendix A for complete results.
The values shown are the annual emissions reflect California Emissions Estimator Model "mitigated" output.
Totals may not add due to rounding.

As shown in Table 15, the estimated total GHG emissions during construction of would be approximately 1,160 MT CO_2e over the construction period. Estimated project-generated construction emissions amortized over 30 years would be approximately 39 MT CO_2e per year. As with project-generated construction criteria air pollutant emissions, GHG emissions generated during construction of the project would be short-term in nature, lasting only for the duration of the construction period, and would not represent a long-term source of GHG emissions.

Operational Emissions

Operation of the project would generate GHG emissions through motor vehicle and delivery truck trips to and from the project site; landscape maintenance equipment operation; energy use (natural gas and generation of electricity consumed by the project); solid waste disposal; and generation of electricity associated with water supply, treatment, and distribution and wastewater treatment. CalEEMod was used to calculate the annual GHG emissions based on the operational assumptions described in Section 3.4.2.2, Operation.

The estimated operational project-generated GHG emissions from area sources, energy usage, motor vehicles, solid waste generation, and water usage and wastewater generation are shown in Table 16.

Table 16. Estimated Annual Operational Greenhouse Gas Emissions

	CO_2	CH_4	N_2O	CO_2e
Emission Source	*metric tons per year*			
Area	13.75	0.01	0.00	14.19
Energy	171.42	0.01	0.00	172.18
Mobile	507.11	0.02	0.00	507.65
Solid waste	10.05	0.59	0.00	24.89
Water supply and wastewater	33.09	0.09	0.00	36.06
Amortized 30-Year Construction Emissions				38.68
Operation plus Amortized Construction Total				**793.65**

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent; PDF = project design feature. See Appendix A for complete results.
The values shown are the annual emissions reflect California Emissions Estimator Model "mitigated" output and operational year 2026. Totals may not add due to rounding.

As shown in Table 16, estimated annual project-generated GHG emissions would be approximately 794 MT CO_2e per year as a result of project operations and amortized construction. This would be less than the significance threshold of 3,000 MT CO_2e per year as discussed in Section 3.4.1. Therefore, the project would have a **less than significant** impact.

3.5.2   Would the proposed project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

The project's consistency with statewide GHG reduction strategies is summarized in detail in Table 17.

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Building Components/Facility Operations		
Roofs/Ceilings/ Insulation	CALGreen Code (Title 24, Part 11) California Energy Code (Title 24, Part 6)	The project must comply with efficiency standards regarding roofing, ceilings, and insulation. For example: Roofs/Ceilings: New construction must reduce roof heat island effects per CALGreen Code Section 106.11.2, which requires use of roofing materials having a minimum aged solar reflectance, thermal emittance complying with Section A5.106.11.2.2 and A5.106.11.2.3 or a minimum aged Solar Reflectance Index as specified in Tables A5.106.11.2.2, or A5.106.11.2.3. Roofing materials must also meet solar reflectance and thermal emittance standards contained in Title 20 Standards. Roof/Ceiling Insulation: There are also requirements for the installation of roofing and ceiling insulation. (See Title 24, Part 6 Compliance Manual at Section 3.2.2.)
Flooring	CALGreen Code	The project must comply with efficiency standards regarding flooring materials. For example, for 80% of floor area receiving "resilient flooring," the flooring must meet applicable installation and material requirements contained in CALGreen Code Section 5.504.4.6.
Window and Doors (Fenestration)	California Energy Code	The project must comply with fenestration efficiency requirements. For example, the choice of windows, glazed doors, and any skylights for the project must conform to energy consumption requirements affecting size, orientation, and types of fenestration products used. (See Title 24, Part 6 Compliance Manual, Section 3.3.)
Building Walls/Insulation	CALGreen Code California Energy Code	The project must comply with efficiency requirements for building walls and insulation. Exterior Walls: Must meet requirements in current edition of California Energy Code, and comply with Sections A5.106.7.1 or A5.106.7.2 of CALGreen Code for wall surfaces, as well as Section 5.407.1, which required weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1403.2. Construction must also meet requirements contained in Title 24, Part 6, which vary by material of the exterior walls. (See Title 24, Part 6 Compliance Manual, Part 3.2.3.) Demising (Interior) Walls: Mandatory insulation requirements for demising walls (which separate conditioned from non-conditions space) differ by the type of wall material used. (*Id*. at 3.2.4.) Door Insulation: There are mandatory requirements for air infiltration rates to improve insulation efficiency; they differ according to the type of door. (*Id*. at 3.2.5.) Flooring Insulation: There are mandatory requirements for insulation that depend on the material and location of the flooring. (*Id*. at 3.2.6.)
Finish Materials	CALGreen Code	The project must comply with pollutant control requirements for finish materials. For example, materials including adhesives, sealants, caulks, paints and coatings, carpet systems, and composite wood products must meet requirements in CALGreen Code to ensure pollutant control. (CALGreen Code Section 5.504.4.)
Wet Appliances	CALGreen Code	Wet appliances associated with the project must meet various

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
(Toilets/Faucets/Urinal, Dishwasher/Clothes Washer, Spa and Pool/Water Heater)	California Energy Code Appliance Efficiency Regulations (Title 20 Standards)	efficiency requirements. For example: Spa and Pool: Use associated with the project is subject to appliance efficiency requirements for service water heating systems and equipment, spa and pool heating systems and equipment. (Title 24, Part 6, Sections 110.3, 110.4, 110.5; Title 20 Standards, Sections 1605.1(g), 1605.3(g); see also California Energy Code.) Toilets/Faucets/Urinals: Use associated with the project is subject to new maximum rates for toilets, urinals, and faucets effective January 1, 2020: • Showerheads maximum flow rate 1.8 gpm at 80 psi • Wash fountains 2.2 x (rim space in inches/20) gpm at 60 psi • Metering faucets 0.2 gallons/cycle • Lavatory faucets and aerators 1.2 gpm at 60 psi • Kitchen faucets and aerators 1.8 gpm with optional temporary flow of 2.2 gpm at 60 psi • Public lavatory faucets 0.5 gpm at 60 psi • Trough-type urinals 16 inches length • Wall mounted urinals 0.125 gallons per flush • Other urinals 0.5 gallons per flush (Title 20 Standards, Sections 1605.1(h),(i) 1065.3(h),(i).) Water Heaters: Use associated with the project is subject to appliance efficiency requirements for water heaters. (Title 20 Standards, Sections 1605.1(f), 1605.3(f).) Dishwasher/Clothes Washer: Use associated with the project is subject to appliance efficiency requirements for dishwashers and clothes washers. (Title 20 Standards, Sections 1605.1(o),(p),(q), 1605.3(o),(p),(q).)
Dry Appliances (Refrigerator/Freezer, Heater/Air Conditioner, Clothes Dryer)	Title 20 Standards CALGreen Code	Dry appliances associated with the project must meet various efficiency requirements. For example: Refrigerator/Freezer: Use associated with the project is subject to appliance efficiency requirements for refrigerators and freezers. (Title 20 Standards, Sections 1605.1(a), 1605.3(a).) Heater/Air Conditioner: Use associated with the project is subject to appliance efficiency requirements for heaters and air conditioners. (Title 20 Standards, Sections 1605.1(b),(c),(d),(e), 1605.3(b),(c),(d),(e) as applicable.) Clothes Dryer: Use associated with the project is subject to appliance efficiency requirements for clothes dryers. (Title 20 Standards, Section 1605.1(q).)
	CALGreen Code	Installations of HVAC, refrigeration and fire suppression equipment must comply with CALGreen Code Sections 5.508.1.1 and 508.1.2, which prohibits CFCs, halons, and certain HCFCs and HFCs.
Lighting	Title 20 Standards	Lighting associated with the project will be subject to energy efficiency requirements contained in Title 20 Standards. General Lighting: Indoor and outdoor lighting associated with the project must comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1(j),(k),(n), 1605.3(j),(k),(n).)

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		Emergency lighting and self-contained lighting: the project must also comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1(l), 1605.3(l).) Traffic Signal Lighting: For any necessary project improvements involving traffic lighting, traffic signal modules and traffic signal lamps will need to comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1(m), 1605.3(m).)
	California Energy Code	Lighting associated with the project will also be subject to energy efficiency requirements contained in Title 24, Part 6, which contains energy standards for non-residential indoor lighting and outdoor lighting. (See Title 24 Part 6 Compliance Manual, at Sections 5, 6.) Mandatory lighting controls for indoor lighting include, for example, regulations for automatic shut-off, automatic daytime controls, demand responsive controls, and certificates of installation. (Id. at Section 5.) Regulations for outdoor lighting include, for example, creation of lighting zones, lighting power requirements, a hardscape lighting power allowance, requirements for outdoor incandescent and luminaire lighting, and lighting control functionality. (Id. at Section 6.)
	AB 1109	Lighting associated with the project will be subject to energy efficiency requirements adopted pursuant to AB 1109. Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general purpose lighting, to reduce electricity consumption 50% for indoor residential lighting and 25% for indoor commercial lighting.
Bicycle and Vehicle Parking	CALGreen Code	The project will be required to provide compliant bicycle parking, fuel-efficient vehicle parking, and electric vehicle charging spaces (CALGreen Code Sections 5.106.4, 5.106.5.1, 5.106.5.3)
	California Energy Code	The project is also subject to parking requirements contained in Title 24, Party 6. For example, parking capacity is to meet but not exceed minimum local zoning requirements, and the project should employ approved strategies to reduce parking capacity (Title 24, Part 6, section 106.6)
Landscaping	CALGreen Code	The CALGreen Code requires and has further voluntary provisions for: - A water budget for landscape irrigation use; - For new water service, separate meters or submeters must be installed for indoor and outdoor potable water use for landscaped areas of 1,000-5,000 square feet; - Provide water-efficient landscape design that reduces use of potable water beyond initial requirements for plant installation and establishment
	Model Water Efficient Landscaping Ordinance	The model ordinance promotes efficient landscaping in new developments and establishes an outdoor water budget for new and renovated landscaped areas that are 500 square feet or larger. (CCR, Title 23, Division 2, Chapter 2.7.)
	Cap-and-Trade Program	Transportation fuels used in landscape maintenance equipment (e.g., gasoline) would be subject to the Cap-and-Trade Program. (See "Energy Use," below.)

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Refrigerants	CARB Management of High GWP Refrigerants for Stationary Sources	Any refrigerants associated with the project will be subject to CARB standards. CARB's Regulation for the Management of High GWP Refrigerants for Stationary Sources 1) reduces emissions of high-GWP refrigerants from leaky stationary, non-residential refrigeration equipment; 2) reduces emissions resulting from the installation and servicing of stationary refrigeration and air conditioning appliances using high-GWP refrigerants; and 3) requires verification GHG emission reductions. (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 5.1, Section 95380 et seq.)
Consumer Products	CARB High GWP GHGs in Consumer Products	All consumer products associated with the project will be subject to CARB standards. CARB's consumer products regulations set VOC limits for numerous categories of consumer products, and limits the reactivity of the ingredients used in numerous categories of aerosol coating products (CCR, Title 17, Division 3, Chapter 1, Subchapter 8.5.)
Construction		
Use of Off-Road Diesel Engines, Vehicles, and Equipment	CARB In-Use Off-Road Diesel Vehicle Regulation	Any relevant vehicle or machine use associated with the project will be subject to CARB standards. The CARB In-Use-Off-Road Diesel Vehicle Regulation applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulation: 1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; 2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled; 3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and 4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines, or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The requirements and compliance dates of the Off-Road regulation vary by fleet size, as defined by the regulation.
	Cap-and-Trade Program	Transportation fuels (e.g., gasoline) used in equipment operation would be subject to the Cap-and-Trade Program. (See "Energy Use," below.)
Greening New Construction	CALGreen Code	All new construction, including the project, must comply with CALGreen Code, as discussed in more detail throughout this table. Adoption of the mandatory CALGreen Code standards for construction has been essential for improving the overall environmental performance of new buildings; it also sets voluntary targets for builders to exceed the mandatory requirements.
Construction Waste	CALGreen Code	The project will be subject to CALGreen Code requirements for construction waste reduction, disposal, and recycling, such as a requirement to recycle and/or salvage for reuse a minimum of 50% of the non-hazardous construction waste in accordance with Section 5.408.1.1, 5.408.1.2, or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.
Worker, vendor and	Cap-and-Trade	Transportation fuels (e.g., gasoline) used in worker, vendor and truck

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
truck vehicle trips (on-road vehicles)	Program	vehicle trips would be subject to the Cap-and-Trade Program.
Solid Waste		
Solid Waste Management	Landfill Methane Control Measure	Waste associated with the project will be disposed per state requirements for landfills, material recovery facilities, and transfer stations. Per the statewide GHG emissions inventory, the largest emissions from waste management sectors come from landfills, and are in the form of CH_4. In 2010, CARB adopted a regulation that reduces emissions from methane in landfills, primarily by requiring owners and operators of certain uncontrolled municipal solid waste landfills to install gas collection and control systems, and requires existing and newly installed gas and control systems to operate in an optimal manner. The regulation allows local air districts to voluntarily enter into a memorandum of understanding with CARB to implement and enforce the regulation and to assess fees to cover costs of implementation.
	Mandatory Commercial Recycling (AB 341)	AB 341 will require the project, if it generates four cubic yards or more of commercial solid waste per week, to arrange for recycling services, using one of the following: self-haul; subscribe to a hauler(s); arranging for pickup of recyclable materials; subscribing to a recycling service that may include mixed waste processing that yields diversion results comparable to source separation. The project will also be subject to local commercial solid waste recycling program required to be implemented by each jurisdiction under AB 341.
	CALGreen Code	The project will be subject to CALGreen Code requirement to provide areas that serve the entire building and are identified for the depositing, storage and collection of nonhazardous materials for recycling (CALGreen Code Section 5.410.1)
Energy Use		
Electricity/Natural Gas Generation	Cap-and-Trade Program	Electricity and natural gas usage associated with the project will be subject to the Cap-and-Trade Program. The rules came into effect on January 1, 2013, applying to large electric power plants and large industrial plants. In 2015, importers and distributors of fossil fuels were added to the Cap-and-Trade Program in the second phase. Specifically, on January 1, 2015, cap-and-trade compliance obligations were phased in for suppliers of natural gas, reformulated gasoline blendstock for oxygenate blending (RBOB), distillate fuel oils, and liquefied petroleum gas that meet or exceed specified emissions thresholds. The threshold that triggers a cap-and-trade compliance obligation for a fuel supplier is 25,000 metric tons or more of CO_2e annually from the GHG emissions that would result from full combustion or oxidation of quantities of fuels (including natural gas, RBOB, distillate fuel oil, liquefied petroleum gas, and blended fuels that contain these fuels) imported and/or delivered to California.

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Renewable Energy	California RPS (SB X1-2, SB 350, and SB 100)	Energy providers associated with the project will be required to comply with RPS set by SB X1 2, SB 350, and SB 100. SB X1 2 requires investor-owned utilities, publicly-owned utilities, and electric service providers to increase purchases of renewable energy such that at least 33% of retail sales are procured from renewable energy resources by December 31, 2020. In the interim, each entity was required to procure an average of 20% of renewable energy for the period of January 1, 2011 through December 31, 2013; and will be required to procure an average of 25% by December 31, 2016, and 33% by 2020. SB 350 requires retail sellers and publicly owned utilities to procure 50% of their electricity from eligible renewable energy resources by 2030. SB 100 increased the standards set forth in SB 350 establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California by 2045.
	Million Solar Roofs Program (SB 1)	The project will participate in California's energy market, which is affected by implementation of the Million Solar Roofs Program. As part of Governor Schwarzenegger's Million Solar Roofs Program, California has set a goal to install 3,000 megawatts of new, solar capacity through 2016. The Million Solar Roofs Program is a ratepayer-financed incentive program aimed at transforming the market for rooftop solar systems by driving down costs over time.
	California Solar Initiative- Thermal Program	The project will participate in California's energy market, which is affected by implementation of the California Solar Initiative -Thermal Program. The program offers cash rebates of up to $4,366 on solar water heating systems for single-family residential customers. Multifamily and Commercial properties qualify for rebates of up to $800,000 on solar water heating systems and eligible solar pool heating systems qualify for rebates of up to $500,000. Funding for the California Solar Initiative-Thermal program comes from ratepayers of Pacific Gas & Electric, SCE, Southern California Gas Company, and San Diego Gas & Electric. The rebate program is overseen by the CPUC as part of the California Solar Initiative.
	Waste Heat and Carbon Emissions Reduction Act (AB 1613, AB 2791)	The project will participate in California's energy market, which is affected by implementation of the Waste Heat and Carbon Emissions Reduction Act. Originally enacted in 2007 and amended in 2008, this act directed the CEC, CPUC, and CARB to implement a program that would encourage the development of new combined heat and power systems in California with a generating capacity of not more than 20 megawatts, to increase combined heat and power use by 30,000 gigawatt-hour. The CPUC publicly owned electric utilities, and CEC duly established policies and procedures for the purchase of electricity

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		from eligible combined heat and power systems. CEC guidelines require combined heat and power systems to be designed to reduce waste energy; have a minimum efficiency of 60%; have NO_x emissions of no more than 0.07 pounds per megawatt-hour; be sized to meet eligible customer generation thermal load; operate continuously in a manner that meets expected thermal load and optimizes efficient use of waste heat; and be cost effective, technologically feasible, and environmentally beneficial.
Vehicular/Mobile Sources		
General	SB 375 and SCAG RTP/SCS	The project complies with, and is subject to, the SCAG adopted RTP/SCS (Connect SoCal), which CARB approved as meeting its regional GHG targets in 2020.
Fuel	Low Carbon Fuel Standard (LCFS)/ EO S-01-07	Auto trips associated with the project will be subject to LCFS (EO S-01-07), which requires a 20% or greater reduction in the average fuel carbon intensity by 2030 with a 2010 baseline for transportation fuels in California regulated by CARB. The program establishes a strong framework to promote the low carbon fuel adoption necessary to achieve the Governor's 2030 and 2050 GHG goals.
	Cap-and-Trade Program	Use of gasoline associated with the project will be subject to the Cap-and-Trade Program. The rules came into effect on January 1, 2013, applying to large electric power plants and large industrial plants. In 2015, importers and distributors of fossil fuels were added to the Cap-and-Trade Program in the second phase. Specifically, on January 1, 2015, cap-and-trade compliance obligations were phased in for suppliers of natural gas, RBOB, distillate fuel oils, and liquefied petroleum gas that meet or exceed specified emissions thresholds. The threshold that triggers a cap-and-trade compliance obligation for a fuel supplier is 25,000 MT or more of CO_2e annually from the GHG emissions that would result from full combustion or oxidation of quantities of fuels (including natural gas, RBOB, distillate fuel oil, liquefied petroleum gas, and blended fuels that contain these fuels) imported and/or delivered to California.
Automotive Refrigerants	CARB Regulation for Small Containers of Automotive Refrigerant	Vehicles associated with the project will be subject to CARB's Regulation for Small Containers of Automotive Refrigerant. (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 5, Section 95360 et seq.) The regulation applies to the sale, use, and disposal of small containers of automotive refrigerant with a GWP greater than 150. The regulation achieves emission reductions through implementation of four requirements: 1) use of a self-sealing valve on the container, 2) improved labeling instructions, 3) a deposit and recycling program for small containers, and 4) an education program that emphasizes best practices for vehicle recharging. This regulation went into effect on January 1, 2010 with a one-year sell-through period for containers manufactured before January 1, 2010. The target recycle rate is initially set at 90%, and rises to 95% beginning January 1, 2012.

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Light-Duty Vehicles	AB 1493 (or the Pavley Standard)	Cars that drive to and from the project will be subject to AB 1493, which directed CARB to adopt a regulation requiring the maximum feasible and cost effective reduction of GHG emissions from new passenger vehicles. Pursuant to AB 1493, CARB adopted regulations that establish a declining fleet average standard for CO_2, CH_4, N_2O, and HFCs (air conditioner refrigerants) in new passenger vehicles and light-duty trucks beginning with the 2009 model year and phased-in through the 2016 model year. These standards are divided into those applicable to lighter and those applicable to heavier portions of the passenger vehicle fleet. The regulations will reduce "upstream" smog-forming emissions from refining, marketing, and distribution of fuel.
	Advanced Clean Car and ZEV Programs	Cars that drive to and from the project will be subject to the Advanced Clean Car and ZEV Programs. In January 2012, CARB approved a new emissions-control program for model years 2017 through 2025. The program combines the control of smog, soot and global warming gases and requirements for greater numbers of zero-emission vehicles into a single package of standards called Advanced Clean Cars. By 2025, new automobiles will emit 34% fewer global warming gases and 75% fewer smog-forming emissions. The ZEV program will act as the focused technology of the Advanced Clean Cars program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid electric vehicles in the 2018-2025 model years.
	Tire Inflation Regulation	Cars that drive to and from the project will be subject to the CARB Tire Inflation Regulation, which took effect on September 1, 2010, and applies to vehicles with a gross vehicle weight rating of 10,000 pounds or less. Under this regulation, automotive service providers must, inter alia, check and inflate each vehicle's tires to the recommended tire pressure rating, with air or nitrogen, as appropriate, at the time of performing any automotive maintenance or repair service, and to keep a copy of the service invoice for a minimum of three years, and make the vehicle service invoice available to the CARB, or its authorized representative upon request.
	EPA and NHTSA GHG and CAFE standards.	Mobile sources that travel to and from the project would be subject to EPA and NHTSA GHG and CAFE standards for passenger cars, light-duty trucks, and medium-duty passenger vehicles. (75 FR 25324–25728 and 77 FR 62624–63200.)
Medium- and Heavy-Duty Vehicles	CARB In-Use On-Road Heavy-Duty Diesel Vehicles Regulation (Truck and Bus Regulation)	Any heavy-duty trucks associated with the project will be subject to CARB standards. The regulation requires diesel trucks and buses that operate in California to be upgraded to reduce emissions. Newer heavier trucks and buses must meet PM filter requirements. Lighter and older heavier trucks must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses will need to have 2010

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		model year engines or equivalent. The regulation applies to nearly all privately and federally owned diesel fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating greater than 14,000 pounds.
	CARB In-Use Off-Road Diesel Vehicle Regulation	Any relevant vehicle or machine use associated with the project will be subject to CARB standards. The CARB In-Use-Off-Road Diesel Vehicle Regulation applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulations: 1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; 2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled; 3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and 4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines, or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The requirements and compliance dates of the Off-Road regulation vary by fleet size, as defined by the regulation.
	Heavy-Duty Vehicle GHG Emission Reduction Regulation	Any relevant vehicle or machine use associated with the project will be subject to CARB standards. The CARB Heavy-Duty Vehicle GHG Emission Reduction Regulation applies to heavy-duty tractors that pull 53-foot or longer box-type trailers. (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 1, Section 95300 et seq.) Fuel efficiency is improved through improvements in tractor and trailer aerodynamics and the use of low rolling resistance tires.
	EPA and NHTSA GHG and CAFE standards.	Mobile sources that travel to and from the project would be subject to EPA and NHTSA GHG and CAFE standards for medium- and heavy-duty vehicles. (76 FR 57106–57513.)
Water Use		
Water Use Efficiency	Emergency State Water Board Regulations	Water use associated with the project will be subject to emergency regulations. On May 18, 2016, partially in response to EO B-27-16, the State Water Board adopted emergency water use regulations (CCR, title 23, Section 864.5 and amended and re-adopted Sections 863, 864, 865, and 866). The regulation directs the State Water Board, Department of Water Resources, and CPUC to implement rates and pricing structures to incentivize water conservation, and calls upon water suppliers, homeowners' associations, California businesses, landlords and tenants, and wholesale water agencies to take stronger conservation measures.
	EO B-37-16	Water use associated with the project will be subject to Emergency EO B-37-16, issued May 9, 2016, which directs the State Water Resources Control Board to adjust emergency water conservation regulations through the end of January, 2017 to reflect differing water supply conditions across the state.

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Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		The Water Board must also develop a proposal to achieve a mandatory reduction of potable urban water usage that builds off the mandatory 25% reduction called for in EO B-29-15. The Water Board and Department of Water Resources will develop new, permanent water use targets to which the project will be subject. The Water Board will permanently prohibit water-wasting practices such as hosing off sidewalks, driveways, and other hardscapes; washing automobiles with hoses not equipped with a shut-off nozzle; using non-recirculated water in a fountain or other decorative water feature; watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and irrigating ornamental turf on public street medians.
	EO B-40-17	EO B-40-17 lifted the drought emergency in all California counties except Fresno, Kings, Tulare, and Tuolumne. It also rescinds EO B-29-15, but expressly states that EO B-37-16 remains in effect and directs the State Water Resources Control Board to continue development of permanent prohibitions on wasteful water use to which the project will be subject.
	SB X7-7	Water provided to the project will be affected by SB X7-7's requirements for water suppliers. SB X7-7, or the Water Conservation Act of 2009, requires all water suppliers to increase water use efficiency. It also requires, among other things, that the Department of Water Resources, in consultation with other state agencies, develop a single standardized water use reporting form, which would be used by both urban and agricultural water agencies.
	CALGreen Code	The project is subject to CALGreen Code's water efficiency standards, including a required 20% mandatory reduction in indoor water use. (CALGreen Code, Division 4.3.)
	California Water Code, Division 6, Part 2.10, Sections 10910–10915.	Development and approval of the project requires the development of a project-specific Water Supply Assessment.
	Cap-and-Trade Program	Electricity usage associated with water and wastewater supply, treatment and distribution would be subject to the Cap-and-Trade Program.
	California RPS (SB X1-2, SB 350, SB 100)	Electricity usage associated with water and wastewater supply, treatment and distribution associated with the project will be required to comply with RPS set by SB X1-2, SB 350, and SB 100.

Notes: AB = Assembly Bill; CARB = California Air Resources Board; CEC = California Energy Commission; CFC = chlorofluorocarbon; CH_4 = methane; CO_2 = carbon dioxide; CO_2e = carbon dioxide equivalent; CPUC = California Public Utilities Commission; EO = Executive Order; EPA = Environmental Protection Agency; GHG = greenhouse gas; GWP = global warming potential; HCFC = hydrochlorofluorocarbon; HFC = hydrofluorocarbon; gpm = gallons per minute; MT = metric tons; N_2O = nitrous oxide; NHTSA = National Highway Traffic Safety Administration; PM = particulate matter; RPS = Renewable Portfolio Standard; RTP/SCS = Regional Transportation Plan/Sustainable Communities Strategy; SB = Senate Bill; SCAG = Southern California Association of Governments; VOC = volatile organic compound; ZEV = zero emission vehicle

As shown, the project would be consistent with and would not conflict with the applicable GHG-reducing strategies of the state.

The City's General Plan includes various goals and policies that promote the use of clean and renewable energy sources, facilitate alternative modes of transportation and reduce VMTs, reduce waste, conserve water, and promote the efficient and sustainable use of energy. The Conservation Element includes goals and policies that result in benefits with reducing GHG emissions. Table 18, Consistency with City of Sierra Madre's General Plan Policies, summarizes the project's consistency with these applicable policies.

Table 18. Consistency with City of Sierra Madre's General Plan Policies

General Plan Policies	Project Consistency
Policy 24.1 Continue to review guidelines from time to time regarding the use of gas -powered lawn equipment, and consider tightening the restrictions on the type of equipment, hours and duration of operation.	*Consistent.* The project would install electrical outlets on the exterior of every residence to facilitate the use of electrically powered landscaping equipment in accordance with the 2019 Title 24 building standards.
Policy L51.5 Encourage and support the use of non-automotive travel throughout the City.	*Consistent.* The project is located less than 1 mile from the nearest bus stop providing access to the 268, 478, and 479 bus lines through MTA.
Policy L51.6 Encourage City staff, employees, residents and visitors to walk and bicycle as often as possible.	*Consistent.* The project will provide public benefits and amenities to the Sierra Madre community, inclusive of a public park that will welcome locals and visitors, provide natural style play features, connect to the Bailey Canyon Wilderness Park and trail, and act as a buffer along existing adjacent homes.
Policy L51.7 Utilize non-automotive transportation solutions as a tool to further goals related to environmental sustainability and economic development.	*Consistent.* The project is located less than 1 mile from the nearest bus stop providing access to the 268, 478, and 479 bus lines through MTA. Furthermore, the project connects to the Bailey Canyon Wilderness Park and trail.

Source: City of Sierra Madre 2015.

As discussed in Table 18, the project would be consistent with the City's General Plan Policies.

The Scoping Plan, approved by CARB on December 12, 2008, provides a framework for actions to reduce California's GHG emissions and requires CARB and other state agencies to adopt regulations and other initiatives to reduce GHGs. As such, the Scoping Plan is not directly applicable to specific projects. Relatedly, in the Final Statement of Reasons for the Amendments to the CEQA Guidelines, the CNRA observed that "[t]he [Scoping Plan] may not be appropriate for use in determining the significance of individual projects because it is conceptual at this stage and relies on the future development of regulations to implement the strategies identified in the Scoping Plan" (CNRA 2009a). Under the Scoping Plan, however, there are several state regulatory measures aimed at the identification and reduction of GHG emissions. CARB and other state agencies have adopted many of the measures identified in the Scoping Plan. Most of these measures focus on area source emissions (e.g., energy usage, high-GWP GHGs in consumer products) and changes to the vehicle fleet (i.e., hybrid, electric, and more fuel-efficient vehicles) and associated fuels (e.g., low-carbon fuel standard), among others. The proposed project would comply with all applicable regulations adopted in furtherance of the Scoping Plan to the extent required by law.

The Scoping Plan recommends strategies for implementation at the statewide level to meet the goals of AB 32 and establishes an overall framework for the measures that will be adopted to reduce California's GHG emissions. Table 19 highlights measures that have been developed under the Scoping Plan and the proposed project's consistency with those measures. The table also includes measures proposed in the 2017 Scoping Plan Update. To the extent that these regulations are applicable to the proposed project, its inhabitants, or uses, the proposed project would comply with all applicable regulations adopted in furtherance of the Scoping Plan.

Table 19. Project Consistency with Scoping Plan GHG Emission-Reduction Strategies

Scoping Plan Measure	Measure Number	Project Consistency
Transportation Sector		
Advanced Clean Cars	T-1	The proposed project's residents would purchase vehicles in compliance with CARB vehicle standards that are in effect at the time of vehicle purchase.
Low Carbon Fuel Standard	T-2	Motor vehicles driven by the proposed project's residents would use compliant fuels.
Low Carbon Fuel Standard (18 percent reduction in carbon intensity by 2030)	NA	Motor vehicles driven by the proposed project's residents would use compliant fuels.
Regional Transportation-Related GHG Targets	T-3	The proposed project would encourage use of alternative forms of transportation.
Reduction in Vehicle Miles Traveled	NA	The proposed project is located on an infill site, which promotes compact walkable communities with an emphasis on proximity and accessibility.
Electricity and Natural Gas Sector		
Energy Efficiency Measures (Electricity)	E-1	The proposed project will comply with current Title 24, Part 6, of the California Code of Regulations energy efficiency standards for electrical appliances and other devices at the time of building construction.
Energy Efficiency (Natural Gas)	CR-1	The proposed project will comply with current Title 24, Part 6, of the California Code of Regulations energy efficiency standards for electrical appliances and other devices at the time of building construction.
Renewable Portfolios Standard (33 percent by 2020)	E-3	The proposed project would use energy supplied SCE, which is in compliance with the Renewable Portfolio Standard.
Renewable Portfolios Standard (50 percent by 2050)	NA	The proposed project would use energy supplied by SCE, which is in compliance with the Renewable Portfolio Standard.
Senate Bill 1 Million Solar Roofs (California Solar Initiative, New Solar Home Partnership, Public Utility Programs) and Earlier Solar Programs	E-4	The proposed project would include solar roofs installations in accordance with the 2019 Title 24 building standards.

Table 19. Project Consistency with Scoping Plan GHG Emission-Reduction Strategies

Scoping Plan Measure	Measure Number	Project Consistency
Water Sector		
Water Use Efficiency	W-1	The proposed project is going to utilize water saving features including low-flow fixtures in accordance with CALGreen standards.
Water Recycling	W-2	The project will reclaim rainwater to be reused onsite.
Reuse Urban Runoff	W-4	The project will reclaim rainwater to be reused onsite.
Green Buildings		
State Green Building Initiative: Leading the Way with State Buildings (Greening New and Existing State Buildings)	GB-1	The proposed project would be required to be constructed in compliance with state or local green building standards in effect at the time of building construction.
Green Building Standards Code (Greening New Public Schools, Residential and Commercial Buildings)	GB-2	The proposed project's buildings would meet green building standards that are in effect at the time of construction.
Beyond Code: Voluntary Programs at the Local Level (Greening New Public Schools, Residential and Commercial Buildings)	GB-3	The proposed project would be required to be constructed in compliance with local green building standards in effect at the time of building construction.
Recycling and Waste Management Sector		
Mandatory Commercial Recycling	RW-3	During both construction and operation of the proposed project, the proposed project would comply with all state regulations related to solid waste generation, storage, and disposal, including the California Integrated Waste Management Act, as amended. During construction, all wastes would be recycled to the maximum extent possible.
High Global Warming Potential Gases Sector		
Limit High Global Warming Potential Use in Consumer Products	H-4	The proposed project's residents would use consumer products that would comply with the regulations that are in effect at the time of manufacture.

Source: CARB 2008, 2017b.
Notes: GHG = greenhouse gas; proposed project = The Farm in Poway; CARB = California Air Resources Board; EV = electric vehicle; SF$_6$ = sulfur hexafluoride.

Based on the analysis in Table 19, the proposed project would be consistent with the applicable strategies and measures in the Scoping Plan.

In addition to the measures outlined in the Table 19, the Scoping Plan also highlights, in several areas, the goals and importance of infill projects. Specifically, the Scoping Plan calls out an ongoing and proposed measure to streamline CEQA compliance and other barriers to infill development. The plan encourages infill projects and sees them as crucial to achieving the State's long-term climate goals. The plan encourages accelerating equitable and affordable infill development through enhanced financing and policy incentives and mechanisms.

The state will complete an Integrated Natural and Working Lands Climate Change Action Plan (Action Plan) by 2018, which will consider aggregation of eco-regional plans and efforts to achieve net sequestration goals. The Action Plan will include goals and plans to promote and provide incentives for infill development through

community revitalization and urban greening and promote the adoption of regional transportation and development plans, such as SB 375 SCS and Climate Action Plans, which prioritize infill and compact development and also consider the climate change impacts of land use and management.

The following strategies were outlined to expand infill development within the Scoping Plan:

- Encouraging regional transfer of development rights programs to allow owners of natural and working lands to sell their development rights to developers who can use those rights to add additional density to development projects in preferred infill areas.

- Promoting regional transit-oriented development funds that leverage public resources with private-sector investment capital to provide flexible capital for transit-oriented development projects.

- Rebates for low-VMT/location-efficient housing, similar to programs that use rebates to encourage adoption of energy-efficient appliances, ZEVs, water-efficient yards, or renewable energy installation. For example, the rebate could reimburse residents for a portion of the down payment for purchasing or renting a qualified home in exchange for a minimum term of residence.

- Promotion of cross-subsidizing multi-station financing districts along transit corridors to leverage revenues from development in strong-market station areas in order to seed needed infrastructure and development in weaker-market station areas.

- Abatement of residential property tax increases in exchange for property-based improvements in distressed infill areas.

- Ways to promote reduced parking in areas where viable transportation alternatives are present.

- Additional creative financing mechanisms to enhance the viability of priority infill projects.

- Ways to promote and strengthen urban growth boundaries to promote infill development and conservation of natural and working lands by defining and limiting developable land within a metropolitan area according to projected growth needs.

Consistency Evaluation with SB 375 (SCAG RTP/SCS)

On September 3, 2020, SCAG's Regional Council unanimously voted to approve and fully adopt Connect SoCal (2020–2045 Regional Transportation Plan/Sustainable Communities Strategy), and the addendum to the Connect SoCal Program Environmental Impact Report. SCAG's Connect SoCal is a regional growth-management strategy that targets per capita GHG reduction from passenger vehicles and light-duty trucks in the Southern California region. The SCS will integrate land use and transportation strategies that will achieve GHG emissions reduction targets that are forecasted to achieve reduction in GHG emissions to achieve the state's 2045 GHG reduction goals. The Connect SoCal incorporates local land use projections and circulation networks in city and county general plans. Typically, a project would be consistent with the RTP/SCS if the project does not exceed the underlying growth assumptions within the RTP/SCS. According to the VMT Assessment for the project (Fehr & Peers 2020), the project is located within a low VMT-generating zone that has VMT per service population that is 15% or more below the Northwest Region Baseline VMT. The project meets this definition for the 2012 base year and the 2040 cumulative year. Therefore, the project would support the VMT and GHG reducing goals of the Connect SoCal.

Because the project is not growth inducing, this type of consistency analysis does not apply. However, the major goals of the Connect SoCal are outlined in Table 20, along with the project's consistency with them.

Table 20. Project Consistency with the SCAG Connect SoCal RTP/SCS

RTP/SCS Measure	Proposed Project Consistency
Encourage regional economic prosperity and global competitiveness.	*Does not apply.* The Project would not inhibit SCAG from encouraging regional economic prosperity and global competitiveness.
Improve mobility, accessibility, reliability, and travel safety for people and goods.	*Does not apply.* The Project would not inhibit SCAG from strengthening the regional transportation network for goods movement.
Enhance the preservation, security, and resilience of the regional transportation system.	*Does not apply.* The Project would not inhibit SCAG from enhancing the resilience of the regional transportation system.
Increase person and goods movement and travel choices within the transportation system.	*Does not apply.* The Project would not inhibit SCAG from increasing person and goods movement and travel choices within the transportation system.
Reduce greenhouse gas emissions and improve air quality.	*Consistent*. The Project would result in criteria air pollutant and GHG emissions during construction and operation. However, emissions would not exceed the SCAQMD significance thresholds.
Support healthy and equitable communities.	*Consistent*. The Project would provide public park space and connect to the Bailey Canyon Wilderness Park and trail.
Adapt to a changing climate and support an integrated regional development pattern and transportation network.	*Consistent*. The project is located less than 1 mile from the nearest bus stop providing access to the 268, 478, and 479 bus lines through MTA.
Leverage new transportation technologies and data-driven solutions that result in more efficient travel.	*Does not apply.* The Project would not inhibit SCAG from leveraging technology for the transportation system.
Encourage development of diverse housing types in areas that are supported by multiple transportation options.	*Consistent.* The project would develop 42 residential units less than 1 mile from the nearest bus stop providing access to the 268, 478, and 479 bus lines through MTA.
Promote conservation of natural and agricultural lands and restoration of habitats.	*Consistent.* The Project would not impact natural lands during construction or operation.

Source: SCAG 2020.

As shown in Table 20, the project would not conflict with the goals within SCAG's Connect SoCal. Based on the growth forecast analysis, per capita VMT analysis, and consistency with the Connect SoCal goals, the project would be consistent with the principles of the Connect SoCal and the project would have a less than significant impact.

The project is consistent with the GHG emission reduction measures in the Scoping Plan. The project is consistent with the Scoping Plan, the City's General Plan, and SCAG's Connect SoCal, which all promote economic growth while achieving greater energy efficiency. The project would not conflict with any plans adopted with the purpose of reducing GHG emissions; therefore, the proposed project's impacts on GHG emissions would be **less than significant**.

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5 List of Preparers

Adam Poll, Senior Air Quality Specialist

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APPENDIX A
CalEEMod Output Files

Table of Contents

The Meadows at Sierra Madre
South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization   Urban   **Wind Speed (m/s)**   2.2   **Precipitation Freq (Days)**   31

Climate Zone   9   **Operational Year**   2026

Utility Company   Southern California Edison

CO2 Intensity (lb/MWhr)   702.44   **CH4 Intensity (lb/MWhr)**   0.029   **N2O Intensity (lb/MWhr)**   0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

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Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	20.00

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tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20

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tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	504.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	63.00	54.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	90.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	8.00	14.00

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tblTripsAndVMT	WorkerTripNumber	28.00	36.00
tblTripsAndVMT	WorkerTripNumber	3.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	12.00
tblTripsAndVMT	WorkerTripNumber	166.00	142.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	10.00	26.00
tblTripsAndVMT	WorkerTripNumber	23.00	22.00
tblTripsAndVMT	WorkerTripNumber	33.00	28.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.4192	3.8099	4.0491	0.0103	6.7915	0.1406	6.9321	0.7353	0.1307	0.8660	0.0000	922.9853	922.9853	0.1823	0.0000	927.5427
2025	0.6187	0.8153	1.0355	2.5900e-003	2.4939	0.0274	2.5213	0.2641	0.0257	0.2898	0.0000	232.0966	232.0966	0.0321	0.0000	232.8979
Maximum	**0.6187**	**3.8099**	**4.0491**	**0.0103**	**6.7915**	**0.1406**	**6.9321**	**0.7353**	**0.1307**	**0.8660**	**0.0000**	**922.9853**	**922.9853**	**0.1823**	**0.0000**	**927.5427**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.4192	3.8099	4.0491	0.0103	4.2331	0.1406	4.3737	0.4702	0.1307	0.6009	0.0000	922.9846	922.9846	0.1823	0.0000	927.5420
2025	0.6187	0.8153	1.0355	2.5900e-003	1.5616	0.0274	1.5889	0.1708	0.0257	0.1966	0.0000	232.0965	232.0965	0.0321	0.0000	232.8977
Maximum	**0.6187**	**3.8099**	**4.0491**	**0.0103**	**4.2331**	**0.1406**	**4.3737**	**0.4702**	**0.1307**	**0.6009**	**0.0000**	**922.9846**	**922.9846**	**0.1823**	**0.0000**	**927.5420**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	37.59	0.00	36.93	35.86	0.00	31.00	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-5-2024	5-4-2024	1.5962	1.5962
2	5-5-2024	8-4-2024	1.2741	1.2741
3	8-5-2024	11-4-2024	0.8927	0.8927
4	11-5-2024	2-4-2025	0.9916	0.9916
5	2-5-2025	5-4-2025	0.8089	0.8089
6	5-5-2025	8-4-2025	0.0276	0.0276
		Highest	1.5962	1.5962

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	0.8897	0.5485	1.9643	6.5100e-003	0.5160	0.0507	0.5667	0.1382	0.0504	0.1887	15.3957	724.3047	739.7004	0.7267	4.7900e-003	759.2944

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category				tons/yr									MT/yr			
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	**0.8897**	**0.5485**	**1.9643**	**6.5100e-003**	**0.5160**	**0.0507**	**0.5667**	**0.1382**	**0.0504**	**0.1887**	**15.3957**	**724.3047**	**739.7004**	**0.7267**	**4.7900e-003**	**759.2944**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43
Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40

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Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36

Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	14.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	36.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	6.00	2.00	504.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	142.00	54.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	50.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	26.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	22.00	90.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	28.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Fugitive Dust					1.0600e-003	0.0000	1.0600e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9000e-004	0.0109	6.6400e-003	2.0000e-005		4.4000e-004	4.4000e-004		4.0000e-004	4.0000e-004	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**9.9000e-004**	**0.0109**	**6.6400e-003**	**2.0000e-005**	**1.0600e-003**	**4.4000e-004**	**1.5000e-003**	**1.1000e-004**	**4.0000e-004**	**5.1000e-004**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.4000e-004	4.0000e-005	0.0000	5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0468	0.0468	0.0000	0.0000	0.0468
Worker	5.0000e-005	3.0000e-005	3.9000e-004	0.0000	3.7500e-003	0.0000	3.7600e-003	4.0000e-004	0.0000	4.0000e-004	0.0000	0.1201	0.1201	0.0000	0.0000	0.1202
Total	**5.0000e-005**	**1.7000e-004**	**4.3000e-004**	**0.0000**	**4.2800e-003**	**0.0000**	**4.2900e-003**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**0.0000**	**0.1669**	**0.1669**	**0.0000**	**0.0000**	**0.1670**

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3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.8000e-004	0.0000	4.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9000e-004	0.0109	6.6400e-003	2.0000e-005		4.4000e-004	4.4000e-004		4.0000e-004	4.0000e-004	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**9.9000e-004**	**0.0109**	**6.6400e-003**	**2.0000e-005**	**4.8000e-004**	**4.4000e-004**	**9.2000e-004**	**5.0000e-005**	**4.0000e-004**	**4.5000e-004**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.4000e-004	4.0000e-005	0.0000	3.3000e-004	0.0000	3.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0468	0.0468	0.0000	0.0000	0.0468
Worker	5.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.3600e-003	0.0000	2.3600e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1201	0.1201	0.0000	0.0000	0.1202
Total	**5.0000e-005**	**1.7000e-004**	**4.3000e-004**	**0.0000**	**2.6900e-003**	**0.0000**	**2.6900e-003**	**3.0000e-004**	**0.0000**	**3.0000e-004**	**0.0000**	**0.1669**	**0.1669**	**0.0000**	**0.0000**	**0.1670**

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3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Fugitive Dust					0.0934	0.0000	0.0934	0.0260	0.0000	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0762	0.7819	0.5527	1.4600e-003		0.0312	0.0312		0.0287	0.0287	0.0000	127.8864	127.8864	0.0414	0.0000	128.9205
Total	**0.0762**	**0.7819**	**0.5527**	**1.4600e-003**	**0.0934**	**0.0312**	**0.1246**	**0.0260**	**0.0287**	**0.0548**	**0.0000**	**127.8864**	**127.8864**	**0.0414**	**0.0000**	**128.9205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	2.7500e-003	7.9000e-004	1.0000e-005	0.0107	0.0000	0.0107	1.1100e-003	0.0000	1.1100e-003	0.0000	0.9355	0.9355	5.0000e-005	0.0000	0.9368
Worker	1.2600e-003	8.3000e-004	9.9600e-003	3.0000e-005	0.0966	3.0000e-005	0.0966	0.0103	3.0000e-005	0.0103	0.0000	3.0882	3.0882	7.0000e-005	0.0000	3.0900
Total	**1.3400e-003**	**3.5800e-003**	**0.0108**	**4.0000e-005**	**0.1072**	**3.0000e-005**	**0.1072**	**0.0114**	**3.0000e-005**	**0.0114**	**0.0000**	**4.0237**	**4.0237**	**1.2000e-004**	**0.0000**	**4.0267**

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3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Fugitive Dust					0.0420	0.0000	0.0420	0.0117	0.0000	0.0117	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0762	0.7819	0.5527	1.4600e-003		0.0312	0.0312		0.0287	0.0287	0.0000	127.8863	127.8863	0.0414	0.0000	128.9203
Total	**0.0762**	**0.7819**	**0.5527**	**1.4600e-003**	**0.0420**	**0.0312**	**0.0733**	**0.0117**	**0.0287**	**0.0405**	**0.0000**	**127.8863**	**127.8863**	**0.0414**	**0.0000**	**128.9203**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	2.7500e-003	7.9000e-004	1.0000e-005	6.6200e-003	0.0000	6.6200e-003	7.1000e-004	0.0000	7.1000e-004	0.0000	0.9355	0.9355	5.0000e-005	0.0000	0.9368
Worker	1.2600e-003	8.3000e-004	9.9600e-003	3.0000e-005	0.0606	3.0000e-005	0.0607	6.6900e-003	3.0000e-005	6.7200e-003	0.0000	3.0882	3.0882	7.0000e-005	0.0000	3.0900
Total	**1.3400e-003**	**3.5800e-003**	**0.0108**	**4.0000e-005**	**0.0673**	**3.0000e-005**	**0.0673**	**7.4000e-003**	**3.0000e-005**	**7.4300e-003**	**0.0000**	**4.0237**	**4.0237**	**1.2000e-004**	**0.0000**	**4.0267**

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3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0000e-004	0.0000	2.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7800e-003	0.0163	0.0105	4.0000e-005		5.5000e-004	5.5000e-004		5.0000e-004	5.0000e-004	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**1.7800e-003**	**0.0163**	**0.0105**	**4.0000e-005**	**2.0000e-004**	**5.5000e-004**	**7.5000e-004**	**3.0000e-005**	**5.0000e-004**	**5.3000e-004**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1700e-003	0.0387	0.0126	1.8000e-004	0.0654	7.0000e-005	0.0655	7.2800e-003	7.0000e-005	7.3500e-003	0.0000	17.7928	17.7928	1.1600e-003	0.0000	17.8217
Vendor	3.0000e-005	9.6000e-004	2.8000e-004	0.0000	3.7300e-003	0.0000	3.7300e-003	3.9000e-004	0.0000	3.9000e-004	0.0000	0.3274	0.3274	2.0000e-005	0.0000	0.3279
Worker	1.5000e-004	1.0000e-004	1.1600e-003	0.0000	0.0113	0.0000	0.0113	1.2000e-003	0.0000	1.2000e-003	0.0000	0.3603	0.3603	1.0000e-005	0.0000	0.3605
Total	**1.3500e-003**	**0.0398**	**0.0141**	**1.8000e-004**	**0.0804**	**7.0000e-005**	**0.0805**	**8.8700e-003**	**7.0000e-005**	**8.9400e-003**	**0.0000**	**18.4805**	**18.4805**	**1.1900e-003**	**0.0000**	**18.5101**

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.0000e-005	0.0000	9.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7800e-003	0.0163	0.0105	4.0000e-005		5.5000e-004	5.5000e-004		5.0000e-004	5.0000e-004	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**1.7800e-003**	**0.0163**	**0.0105**	**4.0000e-005**	**9.0000e-005**	**5.5000e-004**	**6.4000e-004**	**1.0000e-005**	**5.0000e-004**	**5.1000e-004**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1700e-003	0.0387	0.0126	1.8000e-004	0.0417	7.0000e-005	0.0418	4.9100e-003	7.0000e-005	4.9800e-003	0.0000	17.7928	17.7928	1.1600e-003	0.0000	17.8217
Vendor	3.0000e-005	9.6000e-004	2.8000e-004	0.0000	2.3200e-003	0.0000	2.3200e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.3274	0.3274	2.0000e-005	0.0000	0.3279
Worker	1.5000e-004	1.0000e-004	1.1600e-003	0.0000	7.0700e-003	0.0000	7.0800e-003	7.8000e-004	0.0000	7.8000e-004	0.0000	0.3603	0.3603	1.0000e-005	0.0000	0.3605
Total	**1.3500e-003**	**0.0398**	**0.0141**	**1.8000e-004**	**0.0511**	**7.0000e-005**	**0.0512**	**5.9400e-003**	**7.0000e-005**	**6.0100e-003**	**0.0000**	**18.4805**	**18.4805**	**1.1900e-003**	**0.0000**	**18.5101**

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3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Fugitive Dust					0.0135	0.0000	0.0135	1.4600e-003	0.0000	1.4600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1160	0.0515	1.9000e-004		4.2800e-003	4.2800e-003		3.9400e-003	3.9400e-003	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7736
Total	**0.0102**	**0.1160**	**0.0515**	**1.9000e-004**	**0.0135**	**4.2800e-003**	**0.0178**	**1.4600e-003**	**3.9400e-003**	**5.4000e-003**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7736**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	1.1700e-003	3.3000e-004	0.0000	4.5300e-003	0.0000	4.5300e-003	4.7000e-004	0.0000	4.7000e-004	0.0000	0.3976	0.3976	2.0000e-005	0.0000	0.3981
Worker	3.6000e-004	2.3000e-004	2.8200e-003	1.0000e-005	0.0274	1.0000e-005	0.0274	2.9100e-003	1.0000e-005	2.9200e-003	0.0000	0.8750	0.8750	2.0000e-005	0.0000	0.8755
Total	**3.9000e-004**	**1.4000e-003**	**3.1500e-003**	**1.0000e-005**	**0.0319**	**1.0000e-005**	**0.0319**	**3.3800e-003**	**1.0000e-005**	**3.3900e-003**	**0.0000**	**1.2726**	**1.2726**	**4.0000e-005**	**0.0000**	**1.2736**

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3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Fugitive Dust					6.0800e-003	0.0000	6.0800e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1160	0.0515	1.9000e-004		4.2800e-003	4.2800e-003		3.9400e-003	3.9400e-003	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7735
Total	**0.0102**	**0.1160**	**0.0515**	**1.9000e-004**	**6.0800e-003**	**4.2800e-003**	**0.0104**	**6.6000e-004**	**3.9400e-003**	**4.6000e-003**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7735**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	1.1700e-003	3.3000e-004	0.0000	2.8100e-003	0.0000	2.8100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.3976	0.3976	2.0000e-005	0.0000	0.3981
Worker	3.6000e-004	2.3000e-004	2.8200e-003	1.0000e-005	0.0172	1.0000e-005	0.0172	1.9000e-003	1.0000e-005	1.9000e-003	0.0000	0.8750	0.8750	2.0000e-005	0.0000	0.8755
Total	**3.9000e-004**	**1.4000e-003**	**3.1500e-003**	**1.0000e-005**	**0.0200**	**1.0000e-005**	**0.0200**	**2.2000e-003**	**1.0000e-005**	**2.2000e-003**	**0.0000**	**1.2726**	**1.2726**	**4.0000e-005**	**0.0000**	**1.2736**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.1630	1.5002	1.7916	3.0000e-003		0.0683	0.0683		0.0641	0.0641	0.0000	258.3899	258.3899	0.0626	0.0000	259.9550
Total	**0.1630**	**1.5002**	**1.7916**	**3.0000e-003**		**0.0683**	**0.0683**		**0.0641**	**0.0641**	**0.0000**	**258.3899**	**258.3899**	**0.0626**	**0.0000**	**259.9550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0109	0.3868	0.1105	1.3500e-003	1.4959	4.4000e-004	1.4963	0.1559	4.2000e-004	0.1563	0.0000	131.3433	131.3433	7.1400e-003	0.0000	131.5217
Worker	0.0516	0.0339	0.4087	1.4000e-003	3.9608	1.1300e-003	3.9619	0.4218	1.0400e-003	0.4229	0.0000	126.6863	126.6863	2.8200e-003	0.0000	126.7568
Total	**0.0625**	**0.4207**	**0.5192**	**2.7500e-003**	**5.4566**	**1.5700e-003**	**5.4582**	**0.5777**	**1.4600e-003**	**0.5791**	**0.0000**	**258.0295**	**258.0295**	**9.9600e-003**	**0.0000**	**258.2785**

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3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.1630	1.5002	1.7916	3.0000e-003		0.0683	0.0683		0.0641	0.0641	0.0000	258.3896	258.3896	0.0626	0.0000	259.9547
Total	**0.1630**	**1.5002**	**1.7916**	**3.0000e-003**		**0.0683**	**0.0683**		**0.0641**	**0.0641**	**0.0000**	**258.3896**	**258.3896**	**0.0626**	**0.0000**	**259.9547**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0109	0.3868	0.1105	1.3500e-003	0.9293	4.4000e-004	0.9297	0.0992	4.2000e-004	0.0996	0.0000	131.3433	131.3433	7.1400e-003	0.0000	131.5217
Worker	0.0516	0.0339	0.4087	1.4000e-003	2.4871	1.1300e-003	2.4882	0.2745	1.0400e-003	0.2755	0.0000	126.6863	126.6863	2.8200e-003	0.0000	126.7568
Total	**0.0625**	**0.4207**	**0.5192**	**2.7500e-003**	**3.4164**	**1.5700e-003**	**3.4180**	**0.3737**	**1.4600e-003**	**0.3751**	**0.0000**	**258.0295**	**258.0295**	**9.9600e-003**	**0.0000**	**258.2785**

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3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr						MT/yr			
Off-Road	0.0670	0.6149	0.7883	1.3300e-003		0.0260	0.0260		0.0244	0.0244	0.0000	114.3248	114.3248	0.0276	0.0000	115.0136
Total	0.0670	0.6149	0.7883	1.3300e-003		0.0260	0.0260		0.0244	0.0244	0.0000	114.3248	114.3248	0.0276	0.0000	115.0136

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr						MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7200e-003	0.1696	0.0476	5.9000e-004	0.6616	1.9000e-004	0.6618	0.0689	1.8000e-004	0.0691	0.0000	57.7680	57.7680	3.1100e-003	0.0000	57.8456
Worker	0.0217	0.0137	0.1679	5.9000e-004	1.7519	4.9000e-004	1.7524	0.1866	4.5000e-004	0.1870	0.0000	53.8270	53.8270	1.1400e-003	0.0000	53.8555
Total	0.0264	0.1833	0.2155	1.1800e-003	2.4135	6.8000e-004	2.4142	0.2555	6.3000e-004	0.2561	0.0000	111.5950	111.5950	4.2500e-003	0.0000	111.7011

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3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Off-Road	0.0670	0.6149	0.7883	1.3300e-003		0.0260	0.0260		0.0244	0.0244	0.0000	114.3247	114.3247	0.0276	0.0000	115.0134
Total	**0.0670**	**0.6149**	**0.7883**	**1.3300e-003**		**0.0260**	**0.0260**		**0.0244**	**0.0244**	**0.0000**	**114.3247**	**114.3247**	**0.0276**	**0.0000**	**115.0134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7200e-003	0.1696	0.0476	5.9000e-004	0.4110	1.9000e-004	0.4112	0.0439	1.8000e-004	0.0441	0.0000	57.7680	57.7680	3.1100e-003	0.0000	57.8456
Worker	0.0217	0.0137	0.1679	5.9000e-004	1.1001	4.9000e-004	1.1006	0.1214	4.5000e-004	0.1219	0.0000	53.8270	53.8270	1.1400e-003	0.0000	53.8555
Total	**0.0264**	**0.1833**	**0.2155**	**1.1800e-003**	**1.5111**	**6.8000e-004**	**1.5118**	**0.1653**	**6.3000e-004**	**0.1659**	**0.0000**	**111.5950**	**111.5950**	**4.2500e-003**	**0.0000**	**111.7011**

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3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0401	0.3528	0.5178	1.0300e-003		0.0149	0.0149		0.0137	0.0137	0.0000	90.2293	90.2293	0.0292	0.0000	90.9588
Total	**0.0401**	**0.3528**	**0.5178**	**1.0300e-003**		**0.0149**	**0.0149**		**0.0137**	**0.0137**	**0.0000**	**90.2293**	**90.2293**	**0.0292**	**0.0000**	**90.9588**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.2600e-003	2.3600e-003	3.0000e-005	0.0320	1.0000e-005	0.0320	3.3300e-003	1.0000e-005	3.3400e-003	0.0000	2.8065	2.8065	1.5000e-004	0.0000	2.8103
Worker	5.2400e-003	3.4400e-003	0.0415	1.4000e-004	0.4023	1.2000e-004	0.4024	0.0429	1.1000e-004	0.0430	0.0000	12.8677	12.8677	2.9000e-004	0.0000	12.8748
Total	**5.4700e-003**	**0.0117**	**0.0439**	**1.7000e-004**	**0.4343**	**1.3000e-004**	**0.4344**	**0.0462**	**1.2000e-004**	**0.0463**	**0.0000**	**15.6741**	**15.6741**	**4.4000e-004**	**0.0000**	**15.6851**

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3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Off-Road	0.0401	0.3528	0.5178	1.0300e-003		0.0149	0.0149		0.0137	0.0137	0.0000	90.2292	90.2292	0.0292	0.0000	90.9587
Total	**0.0401**	**0.3528**	**0.5178**	**1.0300e-003**		**0.0149**	**0.0149**		**0.0137**	**0.0137**	**0.0000**	**90.2292**	**90.2292**	**0.0292**	**0.0000**	**90.9587**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.2600e-003	2.3600e-003	3.0000e-005	0.0199	1.0000e-005	0.0199	2.1200e-003	1.0000e-005	2.1300e-003	0.0000	2.8065	2.8065	1.5000e-004	0.0000	2.8103
Worker	5.2400e-003	3.4400e-003	0.0415	1.4000e-004	0.2526	1.2000e-004	0.2527	0.0279	1.1000e-004	0.0280	0.0000	12.8677	12.8677	2.9000e-004	0.0000	12.8748
Total	**5.4700e-003**	**0.0117**	**0.0439**	**1.7000e-004**	**0.2725**	**1.3000e-004**	**0.2726**	**0.0300**	**1.2000e-004**	**0.0301**	**0.0000**	**15.6741**	**15.6741**	**4.4000e-004**	**0.0000**	**15.6851**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr							MT/yr		
Off-Road	0.0119	0.1133	0.1120	2.8000e-004		4.3300e-003	4.3300e-003		3.9800e-003	3.9800e-003	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	**0.0119**	**0.1133**	**0.1120**	**2.8000e-004**		**4.3300e-003**	**4.3300e-003**		**3.9800e-003**	**3.9800e-003**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr							MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	4.1300e-003	1.1800e-003	1.0000e-005	0.0160	0.0000	0.0160	1.6700e-003	0.0000	1.6700e-003	0.0000	1.4032	1.4032	8.0000e-005	0.0000	1.4052
Worker	1.3600e-003	8.9000e-004	0.0108	4.0000e-005	0.1046	3.0000e-005	0.1046	0.0111	3.0000e-005	0.0112	0.0000	3.3456	3.3456	7.0000e-005	0.0000	3.3475
Total	**1.4800e-003**	**5.0200e-003**	**0.0120**	**5.0000e-005**	**0.1206**	**3.0000e-005**	**0.1206**	**0.0128**	**3.0000e-005**	**0.0128**	**0.0000**	**4.7488**	**4.7488**	**1.5000e-004**	**0.0000**	**4.7526**

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3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0119	0.1133	0.1120	2.8000e-004		4.3300e-003	4.3300e-003		3.9800e-003	3.9800e-003	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	**0.0119**	**0.1133**	**0.1120**	**2.8000e-004**		**4.3300e-003**	**4.3300e-003**		**3.9800e-003**	**3.9800e-003**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	4.1300e-003	1.1800e-003	1.0000e-005	9.9300e-003	0.0000	9.9300e-003	1.0600e-003	0.0000	1.0600e-003	0.0000	1.4032	1.4032	8.0000e-005	0.0000	1.4052
Worker	1.3600e-003	8.9000e-004	0.0108	4.0000e-005	0.0657	3.0000e-005	0.0657	7.2500e-003	3.0000e-005	7.2800e-003	0.0000	3.3456	3.3456	7.0000e-005	0.0000	3.3475
Total	**1.4800e-003**	**5.0200e-003**	**0.0120**	**5.0000e-005**	**0.0756**	**3.0000e-005**	**0.0756**	**8.3100e-003**	**3.0000e-005**	**8.3400e-003**	**0.0000**	**4.7488**	**4.7488**	**1.5000e-004**	**0.0000**	**4.7526**

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3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Off-Road	0.0337	0.3424	0.3673	7.2000e-004		0.0146	0.0146		0.0134	0.0134	0.0000	62.8532	62.8532	0.0203	0.0000	63.3614
Paving	4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0386**	**0.3424**	**0.3673**	**7.2000e-004**		**0.0146**	**0.0146**		**0.0134**	**0.0134**	**0.0000**	**62.8532**	**62.8532**	**0.0203**	**0.0000**	**63.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6300e-003	0.0930	0.0266	3.3000e-004	0.3596	1.0000e-004	0.3597	0.0375	1.0000e-004	0.0376	0.0000	31.5729	31.5729	1.7200e-003	0.0000	31.6158
Worker	1.1500e-003	7.6000e-004	9.1300e-003	3.0000e-005	0.0885	3.0000e-005	0.0885	9.4300e-003	2.0000e-005	9.4500e-003	0.0000	2.8309	2.8309	6.0000e-005	0.0000	2.8325
Total	**3.7800e-003**	**0.0937**	**0.0357**	**3.6000e-004**	**0.4481**	**1.3000e-004**	**0.4482**	**0.0469**	**1.2000e-004**	**0.0470**	**0.0000**	**34.4038**	**34.4038**	**1.7800e-003**	**0.0000**	**34.4483**

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3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.0337	0.3424	0.3673	7.2000e-004		0.0146	0.0146		0.0134	0.0134	0.0000	62.8531	62.8531	0.0203	0.0000	63.3613
Paving	4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0386**	**0.3424**	**0.3673**	**7.2000e-004**		**0.0146**	**0.0146**		**0.0134**	**0.0134**	**0.0000**	**62.8531**	**62.8531**	**0.0203**	**0.0000**	**63.3613**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6300e-003	0.0930	0.0266	3.3000e-004	0.2234	1.0000e-004	0.2235	0.0238	1.0000e-004	0.0239	0.0000	31.5729	31.5729	1.7200e-003	0.0000	31.6158
Worker	1.1500e-003	7.6000e-004	9.1300e-003	3.0000e-005	0.0556	3.0000e-005	0.0556	6.1300e-003	2.0000e-005	6.1600e-003	0.0000	2.8309	2.8309	6.0000e-005	0.0000	2.8325
Total	**3.7800e-003**	**0.0937**	**0.0357**	**3.6000e-004**	**0.2790**	**1.3000e-004**	**0.2791**	**0.0300**	**1.2000e-004**	**0.0301**	**0.0000**	**34.4038**	**34.4038**	**1.7800e-003**	**0.0000**	**34.4483**

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3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0153	0.0241	4.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5243**	**0.0153**	**0.0241**	**4.0000e-005**		**6.9000e-004**	**6.9000e-004**		**6.9000e-004**	**6.9000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.3700e-003	3.8000e-004	0.0000	5.3300e-003	0.0000	5.3300e-003	5.6000e-004	0.0000	5.6000e-004	0.0000	0.4651	0.4651	3.0000e-005	0.0000	0.4658
Worker	9.3000e-004	5.9000e-004	7.2000e-003	3.0000e-005	0.0751	2.0000e-005	0.0751	8.0000e-003	2.0000e-005	8.0200e-003	0.0000	2.3073	2.3073	5.0000e-005	0.0000	2.3086
Total	**9.7000e-004**	**1.9600e-003**	**7.5800e-003**	**3.0000e-005**	**0.0804**	**2.0000e-005**	**0.0805**	**8.5600e-003**	**2.0000e-005**	**8.5800e-003**	**0.0000**	**2.7725**	**2.7725**	**8.0000e-005**	**0.0000**	**2.7743**

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3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0153	0.0241	4.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5243**	**0.0153**	**0.0241**	**4.0000e-005**		**6.9000e-004**	**6.9000e-004**		**6.9000e-004**	**6.9000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.3700e-003	3.8000e-004	0.0000	3.3100e-003	0.0000	3.3100e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.4651	0.4651	3.0000e-005	0.0000	0.4658
Worker	9.3000e-004	5.9000e-004	7.2000e-003	3.0000e-005	0.0472	2.0000e-005	0.0472	5.2000e-003	2.0000e-005	5.2200e-003	0.0000	2.3073	2.3073	5.0000e-005	0.0000	2.3086
Total	**9.7000e-004**	**1.9600e-003**	**7.5800e-003**	**3.0000e-005**	**0.0505**	**2.0000e-005**	**0.0505**	**5.5500e-003**	**2.0000e-005**	**5.5700e-003**	**0.0000**	**2.7725**	**2.7725**	**8.0000e-005**	**0.0000**	**2.7743**

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Unmitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr							MT/yr		
Electricity Mitigated					0.0000	0.0000		0.0000	0.0000		0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
Electricity Unmitigated					0.0000	0.0000		0.0000	0.0000		0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
NaturalGas Mitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
NaturalGas Unmitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e +006	6.2200e- 003	0.0532	0.0226	3.4000e- 004		4.3000e- 003	4.3000e- 003		4.3000e- 003	4.3000e- 003	0.0000	61.5783	61.5783	1.1800e- 003	1.1300e- 003	61.9442
Total		**6.2200e- 003**	**0.0532**	**0.0226**	**3.4000e- 004**		**4.3000e- 003**	**4.3000e- 003**		**4.3000e- 003**	**4.3000e- 003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e- 003**	**1.1300e- 003**	**61.9442**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e +006	6.2200e- 003	0.0532	0.0226	3.4000e- 004		4.3000e- 003	4.3000e- 003		4.3000e- 003	4.3000e- 003	0.0000	61.5783	61.5783	1.1800e- 003	1.1300e- 003	61.9442
Total		**6.2200e- 003**	**0.0532**	**0.0226**	**3.4000e- 004**		**4.3000e- 003**	**4.3000e- 003**		**4.3000e- 003**	**4.3000e- 003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e- 003**	**1.1300e- 003**	**61.9442**

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

6.0 Area Detail

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6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Unmitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

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6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory						tons/yr								MT/yr		
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	**0.7917**	**0.0159**	**0.6998**	**7.0000e-004**		**0.0425**	**0.0425**		**0.0425**	**0.0425**	**4.4612**	**9.2806**	**13.7418**	**0.0140**	**3.0000e-004**	**14.1816**

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory						tons/yr								MT/yr		
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	37.2655	0.0907	2.4200e-003	40.2524
Unmitigated	37.2655	0.0907	2.4200e-003	40.2524

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

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7.2 Water by Land Use

Mitigated

Land Use	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
	Mgal	MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.0663	0.5949	0.0000	24.9389
Unmitigated	10.0663	0.5949	0.0000	24.9389

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

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8.2 Waste by Land Use

Mitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
	tons	MT/yr			
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

The Meadows at Sierra Madre
South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026

Utility Company Southern California Edison

CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

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Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	20.00

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tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	504.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	63.00	54.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	90.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	8.00	14.00

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tblTripsAndVMT	WorkerTripNumber	28.00	36.00
tblTripsAndVMT	WorkerTripNumber	3.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	12.00
tblTripsAndVMT	WorkerTripNumber	166.00	142.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	10.00	26.00
tblTripsAndVMT	WorkerTripNumber	23.00	22.00
tblTripsAndVMT	WorkerTripNumber	33.00	28.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	8.2026	86.4248	59.9070	0.1835	98.5438	3.2147	100.4888	10.3567	2.9580	12.1591	0.0000	18,100.36 53	18,100.36 53	4.9525	0.0000	18,224.17 70
2025	54.5610	19.0007	25.3188	0.0627	65.9628	0.6504	66.6131	6.9598	0.6149	7.5747	0.0000	6,191.319 0	6,191.319 0	0.7902	0.0000	6,211.073 6
Maximum	**54.5610**	**86.4248**	**59.9070**	**0.1835**	**98.5438**	**3.2147**	**100.4888**	**10.3567**	**2.9580**	**12.1591**	**0.0000**	**18,100.36 53**	**18,100.36 53**	**4.9525**	**0.0000**	**18,224.17 70**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	8.2026	86.4248	59.9070	0.1835	61.5075	3.2147	63.4524	6.6530	2.9580	8.4555	0.0000	18,100.36 53	18,100.36 53	4.9525	0.0000	18,224.17 70
2025	54.5610	19.0007	25.3188	0.0627	41.2503	0.6504	41.9007	4.4886	0.6149	5.1035	0.0000	6,191.319 0	6,191.319 0	0.7902	0.0000	6,211.073 6
Maximum	**54.5610**	**86.4248**	**59.9070**	**0.1835**	**61.5075**	**3.2147**	**63.4524**	**6.6530**	**2.9580**	**8.4555**	**0.0000**	**18,100.36 53**	**18,100.36 53**	**4.9525**	**0.0000**	**18,224.17 70**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	37.54	0.00	36.95	35.66	0.00	31.29	0.00	0.00	0.00	0.00	0.00	0.00

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	14.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	36.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	6.00	2.00	504.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	142.00	54.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	50.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	26.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	22.00	90.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	28.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**1.0605**	**0.4351**	**1.4956**	**0.1145**	**0.4003**	**0.5148**		**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7767**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.5812	1.5000e-004	0.5814	0.0604	1.5000e-004	0.0605		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0493	0.0286	0.4207	1.4000e-003	4.0921	1.0800e-003	4.0931	0.4340	9.9000e-004	0.4350		139.1893	139.1893	3.1200e-003		139.2671
Total	**0.0531**	**0.1651**	**0.4581**	**1.8900e-003**	**4.6733**	**1.2300e-003**	**4.6745**	**0.4943**	**1.1400e-003**	**0.4955**		**191.3729**	**191.3729**	**5.8400e-003**		**191.5189**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**0.4772**	**0.4351**	**0.9123**	**0.0515**	**0.4003**	**0.4518**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.3607	1.5000e-004	0.3609	0.0383	1.5000e-004	0.0385		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0493	0.0286	0.4207	1.4000e-003	2.5653	1.0800e-003	2.5664	0.2813	9.9000e-004	0.2823		139.1893	139.1893	3.1200e-003		139.2671
Total	**0.0531**	**0.1651**	**0.4581**	**1.8900e-003**	**2.9260**	**1.2300e-003**	**2.9273**	**0.3196**	**1.1400e-003**	**0.3207**		**191.3729**	**191.3729**	**5.8400e-003**		**191.5189**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.06 68	14,097.06 68	4.5593		14,211.04 87
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.06 68**	**14,097.06 68**	**4.5593**		**14,211.04 87**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	1.1624	3.0000e-004	1.1627	0.1207	2.9000e-004	0.1210		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.1268	0.0734	1.0818	3.5900e-003	10.5224	2.7700e-003	10.5252	1.1159	2.5500e-003	1.1185		357.9152	357.9152	8.0100e-003		358.1155
Total	**0.1345**	**0.3465**	**1.1567**	**4.5600e-003**	**11.6848**	**3.0700e-003**	**11.6879**	**1.2366**	**2.8400e-003**	**1.2395**		**462.2825**	**462.2825**	**0.0135**		**462.6190**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Fugitive Dust					4.2030	0.0000	4.2030	1.1720	0.0000	1.1720			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733	0.0000	14,097.06 67	14,097.06 67	4.5593		14,211.04 87
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**4.2030**	**3.1232**	**7.3261**	**1.1720**	**2.8733**	**4.0453**	**0.0000**	**14,097.06 67**	**14,097.06 67**	**4.5593**		**14,211.04 87**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	0.7214	3.0000e-004	0.7217	0.0766	2.9000e-004	0.0769		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.1268	0.0734	1.0818	3.5900e-003	6.5966	2.7700e-003	6.5994	0.7233	2.5500e-003	0.7259		357.9152	357.9152	8.0100e-003		358.1155
Total	**0.1345**	**0.3465**	**1.1567**	**4.5600e-003**	**7.3180**	**3.0700e-003**	**7.3211**	**0.8000**	**2.8400e-003**	**0.8028**		**462.2825**	**462.2825**	**0.0135**		**462.6190**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1655	5.4124	1.7643	0.0260	10.1612	0.0100	10.1713	1.1230	9.5800e-003	1.1325		2,823.6657	2,823.6657	0.1798		2,828.1617
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.5812	1.5000e-004	0.5814	0.0604	1.5000e-004	0.0605		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0211	0.0122	0.1803	6.0000e-004	1.7537	4.6000e-004	1.7542	0.1860	4.2000e-004	0.1864		59.6525	59.6525	1.3400e-003		59.6859
Total	**0.1904**	**5.5612**	**1.9821**	**0.0271**	**12.4962**	**0.0106**	**12.5068**	**1.3693**	**0.0102**	**1.3795**		**2,935.5019**	**2,935.5019**	**0.1839**		**2,940.0993**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0128**	**0.0779**	**0.0907**	**1.9400e-003**	**0.0717**	**0.0736**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1655	5.4124	1.7643	0.0260	6.4635	0.0100	6.4735	0.7532	9.5800e-003	0.7628		2,823.6657	2,823.6657	0.1798		2,828.1617
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.3607	1.5000e-004	0.3609	0.0383	1.5000e-004	0.0385		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0211	0.0122	0.1803	6.0000e-004	1.0994	4.6000e-004	1.0999	0.1206	4.2000e-004	0.1210		59.6525	59.6525	1.3400e-003		59.6859
Total	**0.1904**	**5.5612**	**1.9821**	**0.0271**	**7.9236**	**0.0106**	**7.9342**	**0.9121**	**0.0102**	**0.9222**		**2,935.5019**	**2,935.5019**	**0.1839**		**2,940.0993**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.5812	1.5000e-004	0.5814	0.0604	1.5000e-004	0.0605		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0423	0.0245	0.3606	1.2000e-003	3.5075	9.2000e-004	3.5084	0.3720	8.5000e-004	0.3728		119.3051	119.3051	2.6700e-003		119.3718
Total	**0.0461**	**0.1610**	**0.3980**	**1.6900e-003**	**4.0887**	**1.0700e-003**	**4.0897**	**0.4323**	**1.0000e-003**	**0.4333**		**171.4887**	**171.4887**	**5.3900e-003**		**171.6236**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	1.2027	13.6519	6.0615	0.0223	0.7158	0.5034	1.2192	0.0773	0.4631	0.5404	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.3607	1.5000e-004	0.3609	0.0383	1.5000e-004	0.0385		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0423	0.0245	0.3606	1.2000e-003	2.1989	9.2000e-004	2.1998	0.2411	8.5000e-004	0.2420		119.3051	119.3051	2.6700e-003		119.3718
Total	0.0461	0.1610	0.3980	1.6900e-003	2.5596	1.0700e-003	2.5607	0.2794	1.0000e-003	0.2804		171.4887	171.4887	5.3900e-003		171.6236

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.6 Building Construction - 2024

Unmitigated Construction On-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							lb/day							lb/day			
Off-Road		1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.712 4	2,738.712 4	0.6635		2,755.300 9
Total		**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.712 4**	**2,738.712 4**	**0.6635**		**2,755.300 9**

Unmitigated Construction Off-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							lb/day							lb/day			
Hauling		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor		0.1029	3.6868	1.0107	0.0132	15.6924	4.1100e-003	15.6966	1.6299	3.9300e-003	1.6338		1,408.958 7	1,408.958 7	0.0735		1,410.797 3
Worker		0.5003	0.2896	4.2672	0.0142	41.5051	0.0109	41.5160	4.4016	0.0100	4.4117		1,411.776 7	1,411.776 7	0.0316		1,412.566 6
Total		**0.6032**	**3.9763**	**5.2779**	**0.0273**	**57.1975**	**0.0150**	**57.2125**	**6.0315**	**0.0140**	**6.0455**		**2,820.735 4**	**2,820.735 4**	**0.1051**		**2,823.363 9**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1029	3.6868	1.0107	0.0132	9.7390	4.1100e-003	9.7431	1.0346	3.9300e-003	1.0385		1,408.9587	1,408.9587	0.0735		1,410.7973
Worker	0.5003	0.2896	4.2672	0.0142	26.0199	0.0109	26.0308	2.8531	0.0100	2.8632		1,411.7767	1,411.7767	0.0316		1,412.5666
Total	**0.6032**	**3.9763**	**5.2779**	**0.0273**	**35.7589**	**0.0150**	**35.7739**	**3.8877**	**0.0140**	**3.9017**		**2,820.7354**	**2,820.7354**	**0.1051**		**2,823.3639**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1003	3.6546	0.9840	0.0131	15.6924	4.0500e-003	15.6965	1.6299	3.8700e-003	1.6338		1,400.9497	1,400.9497	0.0724		1,402.7591
Worker	0.4752	0.2648	3.9663	0.0136	41.5051	0.0107	41.5158	4.4016	9.8500e-003	4.4115		1,356.1999	1,356.1999	0.0288		1,356.9200
Total	**0.5755**	**3.9195**	**4.9503**	**0.0267**	**57.1975**	**0.0148**	**57.2122**	**6.0315**	**0.0137**	**6.0453**		**2,757.1497**	**2,757.1497**	**0.1012**		**2,759.6791**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1003	3.6546	0.9840	0.0131	9.7390	4.0500e-003	9.7431	1.0346	3.8700e-003	1.0384		1,400.9497	1,400.9497	0.0724		1,402.7591
Worker	0.4752	0.2648	3.9663	0.0136	26.0199	0.0107	26.0306	2.8531	9.8500e-003	2.8630		1,356.1999	1,356.1999	0.0288		1,356.9200
Total	**0.5755**	**3.9195**	**4.9503**	**0.0267**	**35.7589**	**0.0148**	**35.7737**	**3.8877**	**0.0137**	**3.9014**		**2,757.1497**	**2,757.1497**	**0.1012**		**2,759.6791**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	1.1624	3.0000e-004	1.1627	0.1207	2.9000e-004	0.1210		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.1762	0.1020	1.5025	4.9900e-003	14.6145	3.8400e-003	14.6183	1.5499	3.5400e-003	1.5534		497.1045	497.1045	0.0111		497.3826
Total	**0.1838**	**0.3751**	**1.5774**	**5.9600e-003**	**15.7769**	**4.1400e-003**	**15.7810**	**1.6706**	**3.8300e-003**	**1.6744**		**601.4718**	**601.4718**	**0.0166**		**601.8861**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	0.7214	3.0000e-004	0.7217	0.0766	2.9000e-004	0.0769		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.1762	0.1020	1.5025	4.9900e-003	9.1619	3.8400e-003	9.1658	1.0046	3.5400e-003	1.0082		497.1045	497.1045	0.0111		497.3826
Total	**0.1838**	**0.3751**	**1.5774**	**5.9600e-003**	**9.8834**	**4.1400e-003**	**9.8875**	**1.0812**	**3.8300e-003**	**1.0851**		**601.4718**	**601.4718**	**0.0166**		**601.8861**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	1.1624	3.0000e-004	1.1627	0.1207	2.9000e-004	0.1210		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.0916	0.0530	0.7813	2.5900e-003	7.5995	2.0000e-003	7.6015	0.8059	1.8400e-003	0.8078		258.4943	258.4943	5.7900e-003		258.6390
Total	**0.0992**	**0.3261**	**0.8562**	**3.5600e-003**	**8.7619**	**2.3000e-003**	**8.7642**	**0.9267**	**2.1300e-003**	**0.9288**		**362.8616**	**362.8616**	**0.0112**		**363.1425**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	0.7214	3.0000e-004	0.7217	0.0766	2.9000e-004	0.0769		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.0916	0.0530	0.7813	2.5900e-003	4.7642	2.0000e-003	4.7662	0.5224	1.8400e-003	0.5242		258.4943	258.4943	5.7900e-003		258.6390
Total	**0.0992**	**0.3261**	**0.8562**	**3.5600e-003**	**5.4856**	**2.3000e-003**	**5.4879**	**0.5990**	**2.1300e-003**	**0.6012**		**362.8616**	**362.8616**	**0.0112**		**363.1425**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1715	6.1446	1.6845	0.0219	26.1541	6.8500e-003	26.1609	2.7165	6.5500e-003	2.7231		2,348.2645	2,348.2645	0.1226		2,351.3288
Worker	0.0775	0.0449	0.6611	2.1900e-003	6.4304	1.6900e-003	6.4321	0.6819	1.5600e-003	0.6835		218.7260	218.7260	4.9000e-003		218.8484
Total	**0.2490**	**6.1895**	**2.3457**	**0.0241**	**32.5844**	**8.5400e-003**	**32.5930**	**3.3985**	**8.1100e-003**	**3.4066**		**2,566.9905**	**2,566.9905**	**0.1275**		**2,570.1772**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1715	6.1446	1.6845	0.0219	16.2317	6.8500e-003	16.2385	1.7243	6.5500e-003	1.7308		2,348.2645	2,348.2645	0.1226		2,351.3288
Worker	0.0775	0.0449	0.6611	2.1900e-003	4.0313	1.6900e-003	4.0329	0.4420	1.5600e-003	0.4436		218.7260	218.7260	4.9000e-003		218.8484
Total	**0.2490**	**6.1895**	**2.3457**	**0.0241**	**20.2629**	**8.5400e-003**	**20.2715**	**2.1663**	**8.1100e-003**	**2.1744**		**2,566.9905**	**2,566.9905**	**0.1275**		**2,570.1772**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.7100e-003	0.1354	0.0365	4.8000e-004	0.5812	1.5000e-004	0.5814	0.0604	1.4000e-004	0.0605		51.8870	51.8870	2.6800e-003		51.9540
Worker	0.0937	0.0522	0.7821	2.6800e-003	8.1841	2.1100e-003	8.1862	0.8679	1.9400e-003	0.8699		267.4197	267.4197	5.6800e-003		267.5617
Total	**0.0974**	**0.1876**	**0.8185**	**3.1600e-003**	**8.7653**	**2.2600e-003**	**8.7676**	**0.9283**	**2.0800e-003**	**0.9304**		**319.3067**	**319.3067**	**8.3600e-003**		**319.5157**

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.7100e-003	0.1354	0.0365	4.8000e-004	0.3607	1.5000e-004	0.3609	0.0383	1.4000e-004	0.0385		51.8870	51.8870	2.6800e-003		51.9540
Worker	0.0937	0.0522	0.7821	2.6800e-003	5.1307	2.1100e-003	5.1328	0.5626	1.9400e-003	0.5645		267.4197	267.4197	5.6800e-003		267.5617
Total	**0.0974**	**0.1876**	**0.8185**	**3.1600e-003**	**5.4914**	**2.2600e-003**	**5.4936**	**0.6009**	**2.0800e-003**	**0.6030**		**319.3067**	**319.3067**	**8.3600e-003**		**319.5157**

4.0 Operational Detail - Mobile

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.865 1	3,221.865 1	0.1318		3,225.160 0
Unmitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.865 1	3,221.865 1	0.1318		3,225.160 0

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory						lb/day							lb/day			
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

The Meadows at Sierra Madre - South Coast AQMD Air District, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre
South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization Urban

Wind Speed (m/s) 2.2

Precipitation Freq (Days) 31

Climate Zone 9

Operational Year 2026

Utility Company Southern California Edison

CO2 Intensity (lb/MWhr) 702.44

CH4 Intensity (lb/MWhr) 0.029

N2O Intensity (lb/MWhr) 0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	20.00

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tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20

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tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	504.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	63.00	54.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	90.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	8.00	14.00

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tblTripsAndVMT	WorkerTripNumber	28.00	36.00
tblTripsAndVMT	WorkerTripNumber	3.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	12.00
tblTripsAndVMT	WorkerTripNumber	166.00	142.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	10.00	26.00
tblTripsAndVMT	WorkerTripNumber	23.00	22.00
tblTripsAndVMT	WorkerTripNumber	33.00	28.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	8.2231	86.4576	59.8727	0.1827	98.5438	3.2150	100.4893	10.3567	2.9582	12.1596	0.0000	18,016.9197	18,016.9197	4.9583	0.0000	18,140.8779
2025	54.6264	19.0070	24.9100	0.0612	65.9628	0.6505	66.6133	6.9598	0.6151	7.5749	0.0000	6,044.7200	6,044.7200	0.7925	0.0000	6,064.5321
Maximum	**54.6264**	**86.4576**	**59.8727**	**0.1827**	**98.5438**	**3.2150**	**100.4893**	**10.3567**	**2.9582**	**12.1596**	**0.0000**	**18,016.9197**	**18,016.9197**	**4.9583**	**0.0000**	**18,140.8779**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	8.2231	86.4576	59.8727	0.1827	61.5075	3.2150	63.4529	6.6530	2.9582	8.4559	0.0000	18,016.9197	18,016.9197	4.9583	0.0000	18,140.8779
2025	54.6264	19.0070	24.9100	0.0612	41.2503	0.6505	41.9008	4.4886	0.6151	5.1036	0.0000	6,044.7199	6,044.7199	0.7925	0.0000	6,064.5321
Maximum	**54.6264**	**86.4576**	**59.8727**	**0.1827**	**61.5075**	**3.2150**	**63.4529**	**6.6530**	**2.9582**	**8.4559**	**0.0000**	**18,016.9197**	**18,016.9197**	**4.9583**	**0.0000**	**18,140.8779**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	37.54	0.00	36.95	35.66	0.00	31.29	0.00	0.00	0.00	0.00	0.00	0.00

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

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Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	14.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	36.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	6.00	2.00	504.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	142.00	54.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	50.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	26.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	22.00	90.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	28.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**1.0605**	**0.4351**	**1.4956**	**0.1145**	**0.4003**	**0.5148**		**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7767**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.5812	1.6000e-004	0.5814	0.0604	1.5000e-004	0.0605		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0544	0.0312	0.3759	1.3100e-003	4.0921	1.0800e-003	4.0931	0.4340	9.9000e-004	0.4350		130.1472	130.1472	2.8900e-003		130.2195
Total	**0.0584**	**0.1669**	**0.4171**	**1.7800e-003**	**4.6733**	**1.2400e-003**	**4.6745**	**0.4943**	**1.1400e-003**	**0.4955**		**180.8465**	**180.8465**	**5.7900e-003**		**180.9913**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**0.4772**	**0.4351**	**0.9123**	**0.0515**	**0.4003**	**0.4518**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.3607	1.6000e-004	0.3609	0.0383	1.5000e-004	0.0385		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0544	0.0312	0.3759	1.3100e-003	2.5653	1.0800e-003	2.5664	0.2813	9.9000e-004	0.2823		130.1472	130.1472	2.8900e-003		130.2195
Total	**0.0584**	**0.1669**	**0.4171**	**1.7800e-003**	**2.9260**	**1.2400e-003**	**2.9273**	**0.3196**	**1.1400e-003**	**0.3208**		**180.8465**	**180.8465**	**5.7900e-003**		**180.9913**

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3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.06 68	14,097.06 68	4.5593		14,211.04 87
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.06 68**	**14,097.06 68**	**4.5593**		**14,211.04 87**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	1.1624	3.2000e-004	1.1627	0.1207	3.0000e-004	0.1210		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1398	0.0803	0.9666	3.3600e-003	10.5224	2.7700e-003	10.5252	1.1159	2.5500e-003	1.1185		334.6641	334.6641	7.4400e-003		334.8502
Total	**0.1478**	**0.3517**	**1.0489**	**4.3100e-003**	**11.6848**	**3.0900e-003**	**11.6879**	**1.2366**	**2.8500e-003**	**1.2395**		**436.0627**	**436.0627**	**0.0132**		**436.3938**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					4.2030	0.0000	4.2030	1.1720	0.0000	1.1720			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733	0.0000	14,097.0667	14,097.0667	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**4.2030**	**3.1232**	**7.3261**	**1.1720**	**2.8733**	**4.0453**	**0.0000**	**14,097.0667**	**14,097.0667**	**4.5593**		**14,211.0487**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	0.7214	3.2000e-004	0.7217	0.0766	3.0000e-004	0.0769		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1398	0.0803	0.9666	3.3600e-003	6.5966	2.7700e-003	6.5994	0.7233	2.5500e-003	0.7259		334.6641	334.6641	7.4400e-003		334.8502
Total	**0.1478**	**0.3517**	**1.0489**	**4.3100e-003**	**7.3180**	**3.0900e-003**	**7.3211**	**0.8000**	**2.8500e-003**	**0.8028**		**436.0627**	**436.0627**	**0.0132**		**436.3938**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1702	5.4397	1.8533	0.0255	10.1612	0.0103	10.1715	1.1230	9.8100e-003	1.1328		2,771.7995	2,771.7995	0.1858		2,776.4453
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.5812	1.6000e-004	0.5814	0.0604	1.5000e-004	0.0605		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0233	0.0134	0.1611	5.6000e-004	1.7537	4.6000e-004	1.7542	0.1860	4.2000e-004	0.1864		55.7774	55.7774	1.2400e-003		55.8084
Total	**0.1975**	**5.5887**	**2.0556**	**0.0265**	**12.4962**	**0.0109**	**12.5071**	**1.3693**	**0.0104**	**1.3797**		**2,878.2761**	**2,878.2761**	**0.1900**		**2,883.0255**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0128**	**0.0779**	**0.0907**	**1.9400e-003**	**0.0717**	**0.0736**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1702	5.4397	1.8533	0.0255	6.4635	0.0103	6.4737	0.7532	9.8100e-003	0.7630			2,771.7995	2,771.7995	0.1858	2,776.4453
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.3607	1.6000e-004	0.3609	0.0383	1.5000e-004	0.0385			50.6993	50.6993	2.9000e-003	50.7718
Worker	0.0233	0.0134	0.1611	5.6000e-004	1.0994	4.6000e-004	1.0999	0.1206	4.2000e-004	0.1210			55.7774	55.7774	1.2400e-003	55.8084
Total	**0.1975**	**5.5887**	**2.0556**	**0.0265**	**7.9236**	**0.0109**	**7.9345**	**0.9121**	**0.0104**	**0.9224**			**2,878.2761**	**2,878.2761**	**0.1900**	**2,883.0255**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.5812	1.6000e-004	0.5814	0.0604	1.5000e-004	0.0605		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0466	0.0268	0.3222	1.1200e-003	3.5075	9.2000e-004	3.5084	0.3720	8.5000e-004	0.3728		111.5547	111.5547	2.4800e-003		111.6167
Total	**0.0506**	**0.1625**	**0.3634**	**1.5900e-003**	**4.0887**	**1.0800e-003**	**4.0898**	**0.4323**	**1.0000e-003**	**0.4333**		**162.2540**	**162.2540**	**5.3800e-003**		**162.3885**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**0.7158**	**0.5034**	**1.2192**	**0.0773**	**0.4631**	**0.5404**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.3607	1.6000e-004	0.3609	0.0383	1.5000e-004	0.0385		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0466	0.0268	0.3222	1.1200e-003	2.1989	9.2000e-004	2.1998	0.2411	8.5000e-004	0.2420		111.5547	111.5547	2.4800e-003		111.6167
Total	**0.0506**	**0.1625**	**0.3634**	**1.5900e-003**	**2.5596**	**1.0800e-003**	**2.5607**	**0.2794**	**1.0000e-003**	**0.2804**		**162.2540**	**162.2540**	**5.3800e-003**		**162.3885**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.7124**	**2,738.7124**	**0.6635**		**2,755.3009**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1084	3.6642	1.1108	0.0128	15.6924	4.2900e-003	15.6967	1.6299	4.1000e-003	1.6340		1,368.8813	1,368.8813	0.0783		1,370.8387
Worker	0.5514	0.3167	3.8129	0.0132	41.5051	0.0109	41.5160	4.4016	0.0100	4.4117		1,320.0640	1,320.0640	0.0294		1,320.7980
Total	**0.6597**	**3.9809**	**4.9236**	**0.0260**	**57.1975**	**0.0152**	**57.2127**	**6.0315**	**0.0141**	**6.0457**		**2,688.9453**	**2,688.9453**	**0.1077**		**2,691.6367**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1084	3.6642	1.1108	0.0128	9.7390	4.2900e-003	9.7433	1.0346	4.1000e-003	1.0387		1,368.8813	1,368.8813	0.0783		1,370.8387
Worker	0.5514	0.3167	3.8129	0.0132	26.0199	0.0109	26.0308	2.8531	0.0100	2.8632		1,320.0640	1,320.0640	0.0294		1,320.7980
Total	**0.6597**	**3.9809**	**4.9236**	**0.0260**	**35.7589**	**0.0152**	**35.7741**	**3.8877**	**0.0141**	**3.9018**		**2,688.9453**	**2,688.9453**	**0.1077**		**2,691.6367**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1056	3.6322	1.0817	0.0127	15.6924	4.2100e-003	15.6967	1.6299	4.0300e-003	1.6339		1,361.3317	1,361.3317	0.0770		1,363.2560
Worker	0.5252	0.2895	3.5401	0.0127	41.5051	0.0107	41.5158	4.4016	9.8500e-003	4.4115		1,268.0650	1,268.0650	0.0267		1,268.7336
Total	**0.6308**	**3.9217**	**4.6218**	**0.0254**	**57.1975**	**0.0149**	**57.2124**	**6.0315**	**0.0139**	**6.0454**		**2,629.3966**	**2,629.3966**	**0.1037**		**2,631.9896**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1056	3.6322	1.0817	0.0127	9.7390	4.2100e-003	9.7432	1.0346	4.0300e-003	1.0386		1,361.3317	1,361.3317	0.0770		1,363.2560
Worker	0.5252	0.2895	3.5401	0.0127	26.0199	0.0107	26.0306	2.8531	9.8500e-003	2.8630		1,268.0650	1,268.0650	0.0267		1,268.7336
Total	**0.6308**	**3.9217**	**4.6218**	**0.0254**	**35.7589**	**0.0149**	**35.7738**	**3.8877**	**0.0139**	**3.9016**		**2,629.3966**	**2,629.3966**	**0.1037**		**2,631.9896**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	1.1624	3.2000e-004	1.1627	0.1207	3.0000e-004	0.1210		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1941	0.1115	1.3426	4.6600e-003	14.6145	3.8400e-003	14.6183	1.5499	3.5400e-003	1.5534		464.8113	464.8113	0.0103		465.0697
Total	**0.2022**	**0.3829**	**1.4248**	**5.6100e-003**	**15.7769**	**4.1600e-003**	**15.7810**	**1.6706**	**3.8400e-003**	**1.6744**		**566.2099**	**566.2099**	**0.0161**		**566.6133**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	0.7214	3.2000e-004	0.7217	0.0766	3.0000e-004	0.0769		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1941	0.1115	1.3426	4.6600e-003	9.1619	3.8400e-003	9.1658	1.0046	3.5400e-003	1.0082		464.8113	464.8113	0.0103		465.0697
Total	**0.2022**	**0.3829**	**1.4248**	**5.6100e-003**	**9.8834**	**4.1600e-003**	**9.8875**	**1.0812**	**3.8400e-003**	**1.0851**		**566.2099**	**566.2099**	**0.0161**		**566.6133**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day			
Off-Road		0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total		**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

Unmitigated Construction Off-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day			
Hauling		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor		8.0300e-003	0.2714	0.0823	9.5000e-004	1.1624	3.2000e-004	1.1627	0.1207	3.0000e-004	0.1210		101.3986	101.3986	5.8000e-003		101.5436
Worker		0.1010	0.0580	0.6981	2.4200e-003	7.5995	2.0000e-003	7.6015	0.8059	1.8400e-003	0.8078		241.7019	241.7019	5.3800e-003		241.8363
Total		**0.1090**	**0.3294**	**0.7804**	**3.3700e-003**	**8.7619**	**2.3200e-003**	**8.7642**	**0.9267**	**2.1400e-003**	**0.9288**		**343.1005**	**343.1005**	**0.0112**		**343.3799**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	0.7214	3.2000e-004	0.7217	0.0766	3.0000e-004	0.0769		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1010	0.0580	0.6981	2.4200e-003	4.7642	2.0000e-003	4.7662	0.5224	1.8400e-003	0.5242		241.7019	241.7019	5.3800e-003		241.8363
Total	**0.1090**	**0.3294**	**0.7804**	**3.3700e-003**	**5.4856**	**2.3200e-003**	**5.4879**	**0.5990**	**2.1400e-003**	**0.6012**		**343.1005**	**343.1005**	**0.0112**		**343.3799**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1806	6.1070	1.8513	0.0213	26.1541	7.1600e-003	26.1612	2.7165	6.8400e-003	2.7234		2,281.4688	2,281.4688	0.1305		2,284.7312
Worker	0.0854	0.0491	0.5907	2.0500e-003	6.4304	1.6900e-003	6.4321	0.6819	1.5600e-003	0.6835		204.5170	204.5170	4.5500e-003		204.6307
Total	**0.2660**	**6.1561**	**2.4420**	**0.0234**	**32.5844**	**8.8500e-003**	**32.5933**	**3.3985**	**8.4000e-003**	**3.4069**		**2,485.9858**	**2,485.9858**	**0.1350**		**2,489.3618**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1806	6.1070	1.8513	0.0213	16.2317	7.1600e-003	16.2388	1.7243	6.8400e-003	1.7311		2,281.4688	2,281.4688	0.1305		2,284.7312
Worker	0.0854	0.0491	0.5907	2.0500e-003	4.0313	1.6900e-003	4.0329	0.4420	1.5600e-003	0.4436		204.5170	204.5170	4.5500e-003		204.6307
Total	**0.2660**	**6.1561**	**2.4420**	**0.0234**	**20.2629**	**8.8500e-003**	**20.2718**	**2.1663**	**8.4000e-003**	**2.1747**		**2,485.9858**	**2,485.9858**	**0.1350**		**2,489.3618**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9100e-003	0.1345	0.0401	4.7000e-004	0.5812	1.6000e-004	0.5814	0.0604	1.5000e-004	0.0605		50.4197	50.4197	2.8500e-003		50.4910
Worker	0.1036	0.0571	0.6981	2.5100e-003	8.1841	2.1100e-003	8.1862	0.8679	1.9400e-003	0.8699		250.0410	250.0410	5.2700e-003		250.1728
Total	**0.1075**	**0.1916**	**0.7381**	**2.9800e-003**	**8.7653**	**2.2700e-003**	**8.7676**	**0.9283**	**2.0900e-003**	**0.9304**		**300.4607**	**300.4607**	**8.1200e-003**		**300.6638**

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9100e-003	0.1345	0.0401	4.7000e-004	0.3607	1.6000e-004	0.3609	0.0383	1.5000e-004	0.0385		50.4197	50.4197	2.8500e-003		50.4910
Worker	0.1036	0.0571	0.6981	2.5100e-003	5.1307	2.1100e-003	5.1328	0.5626	1.9400e-003	0.5645		250.0410	250.0410	5.2700e-003		250.1728
Total	**0.1075**	**0.1916**	**0.7381**	**2.9800e-003**	**5.4914**	**2.2700e-003**	**5.4937**	**0.6009**	**2.0900e-003**	**0.6030**		**300.4607**	**300.4607**	**8.1200e-003**		**300.6638**

4.0 Operational Detail - Mobile

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Unmitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr					lb/day								lb/day			
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr					lb/day								lb/day			
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory					lb/day								lb/day			
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory						lb/day							lb/day			
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

The Meadows at Sierra Madre - South Coast AQMD Air District, Winter

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)** 2.2	**Precipitation Freq (Days)** 31
Climate Zone	9		**Operational Year** 2026

Utility Company　Southern California Edison

CO2 Intensity (lb/MWhr) 702.44	**CH4 Intensity (lb/MWhr)** 0.029	**N2O Intensity (lb/MWhr)** 0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

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Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	12.00
tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

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tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	504.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	63.00	54.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

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tblTripsAndVMT	VendorTripNumber	0.00	90.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	8.00	14.00
tblTripsAndVMT	WorkerTripNumber	28.00	36.00
tblTripsAndVMT	WorkerTripNumber	3.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	12.00
tblTripsAndVMT	WorkerTripNumber	166.00	142.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	10.00	26.00
tblTripsAndVMT	WorkerTripNumber	23.00	22.00
tblTripsAndVMT	WorkerTripNumber	33.00	28.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year						tons/yr							MT/yr			
2024	0.3882	3.4957	3.8237	9.7100e-003	6.7486	0.1281	6.8767	0.7307	0.1192	0.8499	0.0000	870.2212	870.2212	0.1657	0.0000	874.3638
2025	0.6187	0.8153	1.0355	2.5900e-003	2.4939	0.0274	2.5213	0.2641	0.0257	0.2898	0.0000	232.0966	232.0966	0.0321	0.0000	232.8979
Maximum	**0.6187**	**3.4957**	**3.8237**	**9.7100e-003**	**6.7486**	**0.1281**	**6.8767**	**0.7307**	**0.1192**	**0.8499**	**0.0000**	**870.2212**	**870.2212**	**0.1657**	**0.0000**	**874.3638**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year						tons/yr							MT/yr			
2024	0.1913	2.8138	4.5587	9.7100e-003	4.2062	0.0162	4.2225	0.4672	0.0161	0.4834	0.0000	870.2206	870.2206	0.1657	0.0000	874.3632
2025	0.5764	0.7334	1.1277	2.5900e-003	1.5616	4.7900e-003	1.5664	0.1708	4.7400e-003	0.1756	0.0000	232.0965	232.0965	0.0321	0.0000	232.8977
Maximum	**0.5764**	**2.8138**	**4.5587**	**9.7100e-003**	**4.2062**	**0.0162**	**4.2225**	**0.4672**	**0.0161**	**0.4834**	**0.0000**	**870.2206**	**870.2206**	**0.1657**	**0.0000**	**874.3632**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	23.75	17.72	-17.02	0.00	37.60	86.47	38.40	35.86	85.61	42.18	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-5-2024	5-4-2024	1.2263	0.8228
2	5-5-2024	8-4-2024	1.2741	1.0723
3	8-5-2024	11-4-2024	0.8927	0.7189
4	11-5-2024	2-4-2025	0.9916	0.8794
5	2-5-2025	5-4-2025	0.8089	0.7240
6	5-5-2025	8-4-2025	0.0276	0.0238
		Highest	1.2741	1.0723

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr							MT/yr		
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	0.8897	0.5485	1.9643	6.5100e-003	0.5160	0.0507	0.5667	0.1382	0.0504	0.1887	15.3957	724.3047	739.7004	0.7267	4.7900e-003	759.2944

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	**0.8897**	**0.5485**	**1.9643**	**6.5100e-003**	**0.5160**	**0.0507**	**0.5667**	**0.1382**	**0.0504**	**0.1887**	**15.3957**	**724.3047**	**739.7004**	**0.7267**	**4.7900e-003**	**759.2944**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	2/22/2024	5	12	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43
Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40

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Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36

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Surface Improvements	Rollers		2	8.00	80	0.38
Surface Improvements	Scrapers		1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes		1	8.00	97	0.37
Architectural Coating	Air Compressors		1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	14.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	36.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	6.00	2.00	504.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	142.00	54.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	50.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	26.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	22.00	90.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	28.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Annual

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Fugitive Dust					1.0600e-003	0.0000	1.0600e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9000e-004	0.0109	6.6400e-003	2.0000e-005		4.4000e-004	4.4000e-004		4.0000e-004	4.0000e-004	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**9.9000e-004**	**0.0109**	**6.6400e-003**	**2.0000e-005**	**1.0600e-003**	**4.4000e-004**	**1.5000e-003**	**1.1000e-004**	**4.0000e-004**	**5.1000e-004**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.4000e-004	4.0000e-005	0.0000	5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0468	0.0468	0.0000	0.0000	0.0468
Worker	5.0000e-005	3.0000e-005	3.9000e-004	0.0000	3.7500e-003	0.0000	3.7600e-003	4.0000e-004	0.0000	4.0000e-004	0.0000	0.1201	0.1201	0.0000	0.0000	0.1202
Total	**5.0000e-005**	**1.7000e-004**	**4.3000e-004**	**0.0000**	**4.2800e-003**	**0.0000**	**4.2900e-003**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**0.0000**	**0.1669**	**0.1669**	**0.0000**	**0.0000**	**0.1670**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Annual

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Fugitive Dust					4.8000e-004	0.0000	4.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3000e-004	5.5000e-003	0.0107	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**3.3000e-004**	**5.5000e-003**	**0.0107**	**2.0000e-005**	**4.8000e-004**	**3.0000e-005**	**5.1000e-004**	**5.0000e-005**	**3.0000e-005**	**8.0000e-005**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.4000e-004	4.0000e-005	0.0000	3.3000e-004	0.0000	3.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0468	0.0468	0.0000	0.0000	0.0468
Worker	5.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.3600e-003	0.0000	2.3600e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1201	0.1201	0.0000	0.0000	0.1202
Total	**5.0000e-005**	**1.7000e-004**	**4.3000e-004**	**0.0000**	**2.6900e-003**	**0.0000**	**2.6900e-003**	**3.0000e-004**	**0.0000**	**3.0000e-004**	**0.0000**	**0.1669**	**0.1669**	**0.0000**	**0.0000**	**0.1670**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Annual

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr						MT/yr			
Fugitive Dust					0.0934	0.0000	0.0934	0.0260	0.0000	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0457	0.4691	0.3316	8.7000e-004		0.0187	0.0187		0.0172	0.0172	0.0000	76.7319	76.7319	0.0248	0.0000	77.3523
Total	0.0457	0.4691	0.3316	8.7000e-004	0.0934	0.0187	0.1121	0.0260	0.0172	0.0433	0.0000	76.7319	76.7319	0.0248	0.0000	77.3523

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr						MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6500e-003	4.7000e-004	1.0000e-005	6.3900e-003	0.0000	6.3900e-003	6.7000e-004	0.0000	6.7000e-004	0.0000	0.5613	0.5613	3.0000e-005	0.0000	0.5621
Worker	7.5000e-004	5.0000e-004	5.9800e-003	2.0000e-005	0.0579	2.0000e-005	0.0580	6.1700e-003	2.0000e-005	6.1900e-003	0.0000	1.8529	1.8529	4.0000e-005	0.0000	1.8540
Total	8.0000e-004	2.1500e-003	6.4500e-003	3.0000e-005	0.0643	2.0000e-005	0.0643	6.8400e-003	2.0000e-005	6.8600e-003	0.0000	2.4142	2.4142	7.0000e-005	0.0000	2.4160

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3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0420	0.0000	0.0420	0.0117	0.0000	0.0117	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0143	0.2308	0.4651	8.7000e-004		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	76.7318	76.7318	0.0248	0.0000	77.3522
Total	**0.0143**	**0.2308**	**0.4651**	**8.7000e-004**	**0.0420**	**1.4300e-003**	**0.0435**	**0.0117**	**1.4300e-003**	**0.0132**	**0.0000**	**76.7318**	**76.7318**	**0.0248**	**0.0000**	**77.3522**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6500e-003	4.7000e-004	1.0000e-005	3.9700e-003	0.0000	3.9700e-003	4.2000e-004		4.3000e-004	0.0000	0.5613	0.5613	3.0000e-005	0.0000	0.5621
Worker	7.5000e-004	5.0000e-004	5.9800e-003	2.0000e-005	0.0364	2.0000e-005	0.0364	4.0100e-003	2.0000e-005	4.0300e-003	0.0000	1.8529	1.8529	4.0000e-005	0.0000	1.8540
Total	**8.0000e-004**	**2.1500e-003**	**6.4500e-003**	**3.0000e-005**	**0.0404**	**2.0000e-005**	**0.0404**	**4.4300e-003**	**2.0000e-005**	**4.4600e-003**	**0.0000**	**2.4142**	**2.4142**	**7.0000e-005**	**0.0000**	**2.4160**

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3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0000e-004	0.0000	2.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7800e-003	0.0163	0.0105	4.0000e-005		5.5000e-004	5.5000e-004		5.0000e-004	5.0000e-004	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**1.7800e-003**	**0.0163**	**0.0105**	**4.0000e-005**	**2.0000e-004**	**5.5000e-004**	**7.5000e-004**	**3.0000e-005**	**5.0000e-004**	**5.3000e-004**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1700e-003	0.0387	0.0126	1.8000e-004	0.0654	7.0000e-005	0.0655	7.2800e-003	7.0000e-005	7.3500e-003	0.0000	17.7928	17.7928	1.1600e-003	0.0000	17.8217
Vendor	3.0000e-005	9.6000e-004	2.8000e-004	0.0000	3.7300e-003	0.0000	3.7300e-003	3.9000e-004	0.0000	3.9000e-004	0.0000	0.3274	0.3274	2.0000e-005	0.0000	0.3279
Worker	1.5000e-004	1.0000e-004	1.1600e-003	0.0000	0.0113	0.0000	0.0113	1.2000e-003	0.0000	1.2000e-003	0.0000	0.3603	0.3603	1.0000e-005	0.0000	0.3605
Total	**1.3500e-003**	**0.0398**	**0.0141**	**1.8000e-004**	**0.0804**	**7.0000e-005**	**0.0805**	**8.8700e-003**	**7.0000e-005**	**8.9400e-003**	**0.0000**	**18.4805**	**18.4805**	**1.1900e-003**	**0.0000**	**18.5101**

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3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.0000e-005	0.0000	9.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2000e-004	0.0116	0.0235	4.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**7.2000e-004**	**0.0116**	**0.0235**	**4.0000e-005**	**9.0000e-005**	**7.0000e-005**	**1.6000e-004**	**1.0000e-005**	**7.0000e-005**	**8.0000e-005**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1700e-003	0.0387	0.0126	1.8000e-004	0.0417	7.0000e-005	0.0418	4.9100e-003	7.0000e-005	4.9800e-003	0.0000	17.7928	17.7928	1.1600e-003	0.0000	17.8217
Vendor	3.0000e-005	9.6000e-004	2.8000e-004	0.0000	2.3200e-003	0.0000	2.3200e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.3274	0.3274	2.0000e-005	0.0000	0.3279
Worker	1.5000e-004	1.0000e-004	1.1600e-003	0.0000	7.0700e-003	0.0000	7.0800e-003	7.8000e-004	0.0000	7.8000e-004	0.0000	0.3603	0.3603	1.0000e-005	0.0000	0.3605
Total	**1.3500e-003**	**0.0398**	**0.0141**	**1.8000e-004**	**0.0511**	**7.0000e-005**	**0.0512**	**5.9400e-003**	**7.0000e-005**	**6.0100e-003**	**0.0000**	**18.4805**	**18.4805**	**1.1900e-003**	**0.0000**	**18.5101**

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3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr							MT/yr		
Fugitive Dust					0.0135	0.0000	0.0135	1.4600e-003	0.0000	1.4600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1160	0.0515	1.9000e-004		4.2800e-003	4.2800e-003		3.9400e-003	3.9400e-003	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7736
Total	**0.0102**	**0.1160**	**0.0515**	**1.9000e-004**	**0.0135**	**4.2800e-003**	**0.0178**	**1.4600e-003**	**3.9400e-003**	**5.4000e-003**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7736**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr							MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	1.1700e-003	3.3000e-004	0.0000	4.5300e-003	0.0000	4.5300e-003	4.7000e-004	0.0000	4.7000e-004	0.0000	0.3976	0.3976	2.0000e-005	0.0000	0.3981
Worker	3.6000e-004	2.3000e-004	2.8200e-003	1.0000e-005	0.0274	1.0000e-005	0.0274	2.9100e-003	1.0000e-005	2.9200e-003	0.0000	0.8750	0.8750	2.0000e-005	0.0000	0.8755
Total	**3.9000e-004**	**1.4000e-003**	**3.1500e-003**	**1.0000e-005**	**0.0319**	**1.0000e-005**	**0.0319**	**3.3800e-003**	**1.0000e-005**	**3.3900e-003**	**0.0000**	**1.2726**	**1.2726**	**4.0000e-005**	**0.0000**	**1.2736**

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3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0800e-003	0.0000	6.0800e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1100e-003	0.0501	0.1010	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7735
Total	**3.1100e-003**	**0.0501**	**0.1010**	**1.9000e-004**	**6.0800e-003**	**3.1000e-004**	**6.3900e-003**	**6.6000e-004**	**3.1000e-004**	**9.7000e-004**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7735**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	1.1700e-003	3.3000e-004	0.0000	2.8100e-003	0.0000	2.8100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.3976	0.3976	2.0000e-005	0.0000	0.3981
Worker	3.6000e-004	2.3000e-004	2.8200e-003	1.0000e-005	0.0172	1.0000e-005	0.0172	1.9000e-003	1.0000e-005	1.9000e-003	0.0000	0.8750	0.8750	2.0000e-005	0.0000	0.8755
Total	**3.9000e-004**	**1.4000e-003**	**3.1500e-003**	**1.0000e-005**	**0.0200**	**1.0000e-005**	**0.0200**	**2.2000e-003**	**1.0000e-005**	**2.2000e-003**	**0.0000**	**1.2726**	**1.2726**	**4.0000e-005**	**0.0000**	**1.2736**

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3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.1630	1.5002	1.7916	3.0000e-003		0.0683	0.0683		0.0641	0.0641	0.0000	258.3899	258.3899	0.0626	0.0000	259.9550
Total	**0.1630**	**1.5002**	**1.7916**	**3.0000e-003**		**0.0683**	**0.0683**		**0.0641**	**0.0641**	**0.0000**	**258.3899**	**258.3899**	**0.0626**	**0.0000**	**259.9550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0109	0.3868	0.1105	1.3500e-003	1.4959	4.4000e-004	1.4963	0.1559	4.2000e-004	0.1563	0.0000	131.3433	131.3433	7.1400e-003	0.0000	131.5217
Worker	0.0516	0.0339	0.4087	1.4000e-003	3.9608	1.1300e-003	3.9619	0.4218	1.0400e-003	0.4229	0.0000	126.6863	126.6863	2.8200e-003	0.0000	126.7568
Total	**0.0625**	**0.4207**	**0.5192**	**2.7500e-003**	**5.4566**	**1.5700e-003**	**5.4582**	**0.5777**	**1.4600e-003**	**0.5791**	**0.0000**	**258.0295**	**258.0295**	**9.9600e-003**	**0.0000**	**258.2785**

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3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0594	1.2075	1.9902	3.0000e-003		9.1200e-003	9.1200e-003		9.1200e-003	9.1200e-003	0.0000	258.3896	258.3896	0.0626	0.0000	259.9547
Total	**0.0594**	**1.2075**	**1.9902**	**3.0000e-003**		**9.1200e-003**	**9.1200e-003**		**9.1200e-003**	**9.1200e-003**	**0.0000**	**258.3896**	**258.3896**	**0.0626**	**0.0000**	**259.9547**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0109	0.3868	0.1105	1.3500e-003	0.9293	4.4000e-004	0.9297	0.0992	4.2000e-004	0.0996	0.0000	131.3433	131.3433	7.1400e-003	0.0000	131.5217
Worker	0.0516	0.0339	0.4087	1.4000e-003	2.4871	1.1300e-003	2.4882	0.2745	1.0400e-003	0.2755	0.0000	126.6863	126.6863	2.8200e-003	0.0000	126.7568
Total	**0.0625**	**0.4207**	**0.5192**	**2.7500e-003**	**3.4164**	**1.5700e-003**	**3.4180**	**0.3737**	**1.4600e-003**	**0.3751**	**0.0000**	**258.0295**	**258.0295**	**9.9600e-003**	**0.0000**	**258.2785**

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3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.0670	0.6149	0.7883	1.3300e-003		0.0260	0.0260		0.0244	0.0244	0.0000	114.3248	114.3248	0.0276	0.0000	115.0136
Total	**0.0670**	**0.6149**	**0.7883**	**1.3300e-003**		**0.0260**	**0.0260**		**0.0244**	**0.0244**	**0.0000**	**114.3248**	**114.3248**	**0.0276**	**0.0000**	**115.0136**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7200e-003	0.1696	0.0476	5.9000e-004	0.6616	1.9000e-004	0.6618	0.0689	1.8000e-004	0.0691	0.0000	57.7680	57.7680	3.1100e-003	0.0000	57.8456
Worker	0.0217	0.0137	0.1679	5.9000e-004	1.7519	4.9000e-004	1.7524	0.1866	4.5000e-004	0.1870	0.0000	53.8270	53.8270	1.1400e-003	0.0000	53.8555
Total	**0.0264**	**0.1833**	**0.2155**	**1.1800e-003**	**2.4135**	**6.8000e-004**	**2.4142**	**0.2555**	**6.3000e-004**	**0.2561**	**0.0000**	**111.5950**	**111.5950**	**4.2500e-003**	**0.0000**	**111.7011**

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3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0263	0.5341	0.8803	1.3300e-003		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003	0.0000	114.3247	114.3247	0.0276	0.0000	115.0134
Total	**0.0263**	**0.5341**	**0.8803**	**1.3300e-003**		**4.0300e-003**	**4.0300e-003**		**4.0300e-003**	**4.0300e-003**	**0.0000**	**114.3247**	**114.3247**	**0.0276**	**0.0000**	**115.0134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7200e-003	0.1696	0.0476	5.9000e-004	0.4110	1.9000e-004	0.4112	0.0439	1.8000e-004	0.0441	0.0000	57.7680	57.7680	3.1100e-003	0.0000	57.8456
Worker	0.0217	0.0137	0.1679	5.9000e-004	1.1001	4.9000e-004	1.1006	0.1214	4.5000e-004	0.1219	0.0000	53.8270	53.8270	1.1400e-003	0.0000	53.8555
Total	**0.0264**	**0.1833**	**0.2155**	**1.1800e-003**	**1.5111**	**6.8000e-004**	**1.5118**	**0.1653**	**6.3000e-004**	**0.1659**	**0.0000**	**111.5950**	**111.5950**	**4.2500e-003**	**0.0000**	**111.7011**

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3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Off-Road	0.0401	0.3528	0.5178	1.0300e-003		0.0149	0.0149		0.0137	0.0137	0.0000	90.2293	90.2293	0.0292	0.0000	90.9588
Total	**0.0401**	**0.3528**	**0.5178**	**1.0300e-003**		**0.0149**	**0.0149**		**0.0137**	**0.0137**	**0.0000**	**90.2293**	**90.2293**	**0.0292**	**0.0000**	**90.9588**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.2600e-003	2.3600e-003	3.0000e-005	0.0320	1.0000e-005	0.0320	3.3300e-003	1.0000e-005	3.3400e-003	0.0000	2.8065	2.8065	1.5000e-004	0.0000	2.8103
Worker	5.2400e-003	3.4400e-003	0.0415	1.4000e-004	0.4023	1.2000e-004	0.4024	0.0429	1.1000e-004	0.0430	0.0000	12.8677	12.8677	2.9000e-004	0.0000	12.8748
Total	**5.4700e-003**	**0.0117**	**0.0439**	**1.7000e-004**	**0.4343**	**1.3000e-004**	**0.4344**	**0.0462**	**1.2000e-004**	**0.0463**	**0.0000**	**15.6741**	**15.6741**	**4.4000e-004**	**0.0000**	**15.6851**

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3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.0161	0.3859	0.6942	1.0300e-003		1.6800e-003	1.6800e-003		1.6800e-003	1.6800e-003	0.0000	90.2292	90.2292	0.0292	0.0000	90.9587
Total	**0.0161**	**0.3859**	**0.6942**	**1.0300e-003**		**1.6800e-003**	**1.6800e-003**		**1.6800e-003**	**1.6800e-003**	**0.0000**	**90.2292**	**90.2292**	**0.0292**	**0.0000**	**90.9587**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.2600e-003	2.3600e-003	3.0000e-005	0.0199	1.0000e-005	0.0199	2.1200e-003	1.0000e-005	2.1300e-003	0.0000	2.8065	2.8065	1.5000e-004	0.0000	2.8103
Worker	5.2400e-003	3.4400e-003	0.0415	1.4000e-004	0.2526	1.2000e-004	0.2527	0.0279	1.1000e-004	0.0280	0.0000	12.8677	12.8677	2.9000e-004	0.0000	12.8748
Total	**5.4700e-003**	**0.0117**	**0.0439**	**1.7000e-004**	**0.2725**	**1.3000e-004**	**0.2726**	**0.0300**	**1.2000e-004**	**0.0301**	**0.0000**	**15.6741**	**15.6741**	**4.4000e-004**	**0.0000**	**15.6851**

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3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr								MT/yr		
Off-Road		0.0119	0.1133	0.1120	2.8000e-004		4.3300e-003	4.3300e-003		3.9800e-003	3.9800e-003	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total		**0.0119**	**0.1133**	**0.1120**	**2.8000e-004**		**4.3300e-003**	**4.3300e-003**		**3.9800e-003**	**3.9800e-003**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Unmitigated Construction Off-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr								MT/yr		
Hauling		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor		1.2000e-004	4.1300e-003	1.1800e-003	1.0000e-005	0.0160	0.0000	0.0160	1.6700e-003	0.0000	1.6700e-003	0.0000	1.4032	1.4032	8.0000e-005	0.0000	1.4052
Worker		1.3600e-003	8.9000e-004	0.0108	4.0000e-005	0.1046	3.0000e-005	0.1046	0.0111	3.0000e-005	0.0112	0.0000	3.3456	3.3456	7.0000e-005	0.0000	3.3475
Total		**1.4800e-003**	**5.0200e-003**	**0.0120**	**5.0000e-005**	**0.1206**	**3.0000e-005**	**0.1206**	**0.0128**	**3.0000e-005**	**0.0128**	**0.0000**	**4.7488**	**4.7488**	**1.5000e-004**	**0.0000**	**4.7526**

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3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Off-Road	5.1800e-003	0.0905	0.1708	2.8000e-004		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	5.1800e-003	0.0905	0.1708	2.8000e-004		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	4.1300e-003	1.1800e-003	1.0000e-005	9.9300e-003	0.0000	9.9300e-003	1.0600e-003	0.0000	1.0600e-003	0.0000	1.4032	1.4032	8.0000e-005	0.0000	1.4052
Worker	1.3600e-003	8.9000e-004	0.0108	4.0000e-005	0.0657	3.0000e-005	0.0657	7.2500e-003	3.0000e-005	7.2800e-003	0.0000	3.3456	3.3456	7.0000e-005	0.0000	3.3475
Total	1.4800e-003	5.0200e-003	0.0120	5.0000e-005	0.0756	3.0000e-005	0.0756	8.3100e-003	3.0000e-005	8.3400e-003	0.0000	4.7488	4.7488	1.5000e-004	0.0000	4.7526

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3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr			
Off-Road		0.0337	0.3424	0.3673	7.2000e-004		0.0146	0.0146		0.0134	0.0134	0.0000	62.8532	62.8532	0.0203	0.0000	63.3614
Paving		4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0386**	**0.3424**	**0.3673**	**7.2000e-004**		**0.0146**	**0.0146**		**0.0134**	**0.0134**	**0.0000**	**62.8532**	**62.8532**	**0.0203**	**0.0000**	**63.3614**

Unmitigated Construction Off-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr			
Hauling		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor		2.6300e-003	0.0930	0.0266	3.3000e-004	0.3596	1.0000e-004	0.3597	0.0375	1.0000e-004	0.0376	0.0000	31.5729	31.5729	1.7200e-003	0.0000	31.6158
Worker		1.1500e-003	7.6000e-004	9.1300e-003	3.0000e-005	0.0885	3.0000e-005	0.0885	9.4300e-003	2.0000e-005	9.4500e-003	0.0000	2.8309	2.8309	6.0000e-005	0.0000	2.8325
Total		**3.7800e-003**	**0.0937**	**0.0357**	**3.6000e-004**	**0.4481**	**1.3000e-004**	**0.4482**	**0.0469**	**1.2000e-004**	**0.0470**	**0.0000**	**34.4038**	**34.4038**	**1.7800e-003**	**0.0000**	**34.4483**

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3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Off-Road	0.0114	0.2572	0.4685	7.2000e-004		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003	0.0000	62.8531	62.8531	0.0203	0.0000	63.3613
Paving	4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0163**	**0.2572**	**0.4685**	**7.2000e-004**		**1.1700e-003**	**1.1700e-003**		**1.1700e-003**	**1.1700e-003**	**0.0000**	**62.8531**	**62.8531**	**0.0203**	**0.0000**	**63.3613**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6300e-003	0.0930	0.0266	3.3000e-004	0.2234	1.0000e-004	0.2235	0.0238	1.0000e-004	0.0239	0.0000	31.5729	31.5729	1.7200e-003	0.0000	31.6158
Worker	1.1500e-003	7.6000e-004	9.1300e-003	3.0000e-005	0.0556	3.0000e-005	0.0556	6.1300e-003	2.0000e-005	6.1600e-003	0.0000	2.8309	2.8309	6.0000e-005	0.0000	2.8325
Total	**3.7800e-003**	**0.0937**	**0.0357**	**3.6000e-004**	**0.2790**	**1.3000e-004**	**0.2791**	**0.0300**	**1.2000e-004**	**0.0301**	**0.0000**	**34.4038**	**34.4038**	**1.7800e-003**	**0.0000**	**34.4483**

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3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0153	0.0241	4.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5243**	**0.0153**	**0.0241**	**4.0000e-005**		**6.9000e-004**	**6.9000e-004**		**6.9000e-004**	**6.9000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.3700e-003	3.8000e-004	0.0000	5.3300e-003	0.0000	5.3300e-003	5.6000e-004	0.0000	5.6000e-004	0.0000	0.4651	0.4651	3.0000e-005	0.0000	0.4658
Worker	9.3000e-004	5.9000e-004	7.2000e-003	3.0000e-005	0.0751	2.0000e-005	0.0751	8.0000e-003	2.0000e-005	8.0200e-003	0.0000	2.3073	2.3073	5.0000e-005	0.0000	2.3086
Total	**9.7000e-004**	**1.9600e-003**	**7.5800e-003**	**3.0000e-005**	**0.0804**	**2.0000e-005**	**0.0805**	**8.5600e-003**	**2.0000e-005**	**8.5800e-003**	**0.0000**	**2.7725**	**2.7725**	**8.0000e-005**	**0.0000**	**2.7743**

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3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3000e-004	0.0141	0.0244	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5228**	**0.0141**	**0.0244**	**4.0000e-005**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.3700e-003	3.8000e-004	0.0000	3.3100e-003	0.0000	3.3100e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.4651	0.4651	3.0000e-005	0.0000	0.4658
Worker	9.3000e-004	5.9000e-004	7.2000e-003	3.0000e-005	0.0472	2.0000e-005	0.0472	5.2000e-003	2.0000e-005	5.2200e-003	0.0000	2.3073	2.3073	5.0000e-005	0.0000	2.3086
Total	**9.7000e-004**	**1.9600e-003**	**7.5800e-003**	**3.0000e-005**	**0.0505**	**2.0000e-005**	**0.0505**	**5.5500e-003**	**2.0000e-005**	**5.5700e-003**	**0.0000**	**2.7725**	**2.7725**	**8.0000e-005**	**0.0000**	**2.7743**

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Unmitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Electricity Mitigated					0.0000	0.0000		0.0000	0.0000		0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
Electricity Unmitigated					0.0000	0.0000		0.0000	0.0000		0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
NaturalGas Mitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
NaturalGas Unmitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr						tons/yr								MT/yr		
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e +006	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
Total		**6.2200e-003**	**0.0532**	**0.0226**	**3.4000e-004**		**4.3000e-003**	**4.3000e-003**		**4.3000e-003**	**4.3000e-003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e-003**	**1.1300e-003**	**61.9442**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr						tons/yr								MT/yr		
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e +006	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
Total		**6.2200e-003**	**0.0532**	**0.0226**	**3.4000e-004**		**4.3000e-003**	**4.3000e-003**		**4.3000e-003**	**4.3000e-003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e-003**	**1.1300e-003**	**61.9442**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

Land Use	Electricity Use	Total CO2	CH4	N2O	CO2e
	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

Mitigated

Land Use	Electricity Use	Total CO2	CH4	N2O	CO2e
	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

6.0 Area Detail

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Annual

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Unmitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Annual

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory							tons/yr							MT/yr		
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory					tons/yr								MT/yr			
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	37.2655	0.0907	2.4200e-003	40.2524
Unmitigated	37.2655	0.0907	2.4200e-003	40.2524

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Annual

7.2 Water by Land Use

Mitigated

Land Use	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
	Mgal	MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.0663	0.5949	0.0000	24.9389
Unmitigated	10.0663	0.5949	0.0000	24.9389

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

8.2 Waste by Land Use

Mitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
	tons			MT/yr	
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

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11.0 Vegetation

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

The Meadows at Sierra Madre Mitigated
South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026

Utility Company   Southern California Edison

CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

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Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	12.00
tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	504.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	63.00	54.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

tblTripsAndVMT	VendorTripNumber	0.00	90.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	8.00	14.00
tblTripsAndVMT	WorkerTripNumber	28.00	36.00
tblTripsAndVMT	WorkerTripNumber	3.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	12.00
tblTripsAndVMT	WorkerTripNumber	166.00	142.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	10.00	26.00
tblTripsAndVMT	WorkerTripNumber	23.00	22.00
tblTripsAndVMT	WorkerTripNumber	33.00	28.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year						lb/day								lb/day		
2024	7.7582	78.5359	57.6548	0.1503	98.5438	3.1262	100.4888	10.3567	2.8761	12.1591	0.0000	14,922.78 10	14,922.78 10	4.5727	0.0000	14,997.48 35
2025	54.5610	19.0007	25.3188	0.0627	65.9628	0.6504	66.6131	6.9598	0.6149	7.5747	0.0000	6,191.319 0	6,191.319 0	0.7902	0.0000	6,211.073 6
Maximum	**54.5610**	**78.5359**	**57.6548**	**0.1503**	**98.5438**	**3.1262**	**100.4888**	**10.3567**	**2.8761**	**12.1591**	**0.0000**	**14,922.78 10**	**14,922.78 10**	**4.5727**	**0.0000**	**14,997.48 35**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year						lb/day								lb/day		
2024	2.9564	45.2836	78.6719	0.1503	61.5075	0.2416	61.7299	6.6530	0.2414	6.8738	0.0000	14,922.78 10	14,922.78 10	4.5727	0.0000	14,997.48 35
2025	53.5212	17.1308	27.3481	0.0627	41.2503	0.1100	41.3603	4.4886	0.1088	4.5973	0.0000	6,191.319 0	6,191.319 0	0.7902	0.0000	6,211.073 6
Maximum	**53.5212**	**45.2836**	**78.6719**	**0.1503**	**61.5075**	**0.2416**	**61.7299**	**6.6530**	**0.2414**	**6.8738**	**0.0000**	**14,922.78 10**	**14,922.78 10**	**4.5727**	**0.0000**	**14,997.48 35**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	9.37	36.01	-27.78	0.00	37.54	90.69	38.31	35.66	89.97	41.87	0.00	0.00	0.00	0.00	0.00	0.00

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	2/22/2024	5	12	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	14.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	36.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	6.00	2.00	504.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	142.00	54.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	50.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	26.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	22.00	90.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	28.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	0.9921	10.9445	6.6407	0.0188	1.0605	0.4351	1.4956	0.1145	0.4003	0.5148		1,819.0686	1,819.0686	0.5883		1,833.7767

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.2 Clear & Grub - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.5812	1.5000e-004	0.5814	0.0604	1.5000e-004	0.0605		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0493	0.0286	0.4207	1.4000e-003	4.0921	1.0800e-003	4.0931	0.4340	9.9000e-004	0.4350		139.1893	139.1893	3.1200e-003		139.2671
Total	**0.0531**	**0.1651**	**0.4581**	**1.8900e-003**	**4.6733**	**1.2300e-003**	**4.6745**	**0.4943**	**1.1400e-003**	**0.4955**		**191.3729**	**191.3729**	**5.8400e-003**		**191.5189**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.3269	5.5027	10.7026	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.3269**	**5.5027**	**10.7026**	**0.0188**	**0.4772**	**0.0308**	**0.5080**	**0.0515**	**0.0308**	**0.0823**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.2 Clear & Grub - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.3607	1.5000e-004	0.3609	0.0383	1.5000e-004	0.0385		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0493	0.0286	0.4207	1.4000e-003	2.5653	1.0800e-003	2.5664	0.2813	9.9000e-004	0.2823		139.1893	139.1893	3.1200e-003		139.2671
Total	**0.0531**	**0.1651**	**0.4581**	**1.8900e-003**	**2.9260**	**1.2300e-003**	**2.9273**	**0.3196**	**1.1400e-003**	**0.3207**		**191.3729**	**191.3729**	**5.8400e-003**		**191.5189**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					15.5666	0.0000	15.5666	4.3408	0.0000	4.3408			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.0668	14,097.0668	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**15.5666**	**3.1232**	**18.6898**	**4.3408**	**2.8733**	**7.2141**		**14,097.0668**	**14,097.0668**	**4.5593**		**14,211.0487**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	1.1624	3.0000e-004	1.1627	0.1207	2.9000e-004	0.1210		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.1268	0.0734	1.0818	3.5900e-003	10.5224	2.7700e-003	10.5252	1.1159	2.5500e-003	1.1185		357.9152	357.9152	8.0100e-003		358.1155
Total	0.1345	0.3465	1.1567	4.5600e-003	11.6848	3.0700e-003	11.6879	1.2366	2.8400e-003	1.2395		462.2825	462.2825	0.0135		462.6190

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					7.0050	0.0000	7.0050	1.9534	0.0000	1.9534			0.0000			0.0000
Off-Road	2.3851	38.4595	77.5152	0.1456		0.2385	0.2385		0.2385	0.2385	0.0000	14,097.0667	14,097.0667	4.5593		14,211.0487
Total	2.3851	38.4595	77.5152	0.1456	7.0050	0.2385	7.2435	1.9534	0.2385	2.1919	0.0000	14,097.0667	14,097.0667	4.5593		14,211.0487

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	0.7214	3.0000e-004	0.7217	0.0766	2.9000e-004	0.0769		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.1268	0.0734	1.0818	3.5900e-003	6.5966	2.7700e-003	6.5994	0.7233	2.5500e-003	0.7259		357.9152	357.9152	8.0100e-003		358.1155
Total	**0.1345**	**0.3465**	**1.1567**	**4.5600e-003**	**7.3180**	**3.0700e-003**	**7.3211**	**0.8000**	**2.8400e-003**	**0.8028**		**462.2825**	**462.2825**	**0.0135**		**462.6190**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.4 Import Material to Balance Site - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.1655	5.4124	1.7643	0.0260	10.1612	0.0100	10.1713	1.1230	9.5800e-003	1.1325		2,823.6657	2,823.6657	0.1798		2,828.1617
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.5812	1.5000e-004	0.5814	0.0604	1.5000e-004	0.0605		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0211	0.0122	0.1803	6.0000e-004	1.7537	4.6000e-004	1.7542	0.1860	4.2000e-004	0.1864		59.6525	59.6525	1.3400e-003		59.6859
Total	**0.1904**	**5.5612**	**1.9821**	**0.0271**	**12.4962**	**0.0106**	**12.5068**	**1.3693**	**0.0102**	**1.3795**		**2,935.5019**	**2,935.5019**	**0.1839**		**2,940.0993**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.1031	1.6627	3.3512	6.2600e-003		0.0103	0.0103		0.0103	0.0103	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.1031**	**1.6627**	**3.3512**	**6.2600e-003**	**0.0128**	**0.0103**	**0.0231**	**1.9400e-003**	**0.0103**	**0.0123**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.4 Import Material to Balance Site - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.1655	5.4124	1.7643	0.0260	6.4635	0.0100	6.4735	0.7532	9.5800e-003	0.7628		2,823.6657	2,823.6657	0.1798		2,828.1617
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.3607	1.5000e-004	0.3609	0.0383	1.5000e-004	0.0385		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0211	0.0122	0.1803	6.0000e-004	1.0994	4.6000e-004	1.0999	0.1206	4.2000e-004	0.1210		59.6525	59.6525	1.3400e-003		59.6859
Total	**0.1904**	**5.5612**	**1.9821**	**0.0271**	**7.9236**	**0.0106**	**7.9342**	**0.9121**	**0.0102**	**0.9222**		**2,935.5019**	**2,935.5019**	**0.1839**		**2,940.0993**

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.5 Finish Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.5812	1.5000e-004	0.5814	0.0604	1.5000e-004	0.0605		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0423	0.0245	0.3606	1.2000e-003	3.5075	9.2000e-004	3.5084	0.3720	8.5000e-004	0.3728		119.3051	119.3051	2.6700e-003		119.3718
Total	0.0461	0.1610	0.3980	1.6900e-003	4.0887	1.0700e-003	4.0897	0.4323	1.0000e-003	0.4333		171.4887	171.4887	5.3900e-003		171.6236

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	0.3654	5.8925	11.8763	0.0223		0.0365	0.0365		0.0365	0.0365	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	0.3654	5.8925	11.8763	0.0223	0.7158	0.0365	0.7524	0.0773	0.0365	0.1138	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.5 Finish Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8100e-003	0.1366	0.0374	4.9000e-004	0.3607	1.5000e-004	0.3609	0.0383	1.5000e-004	0.0385		52.1837	52.1837	2.7200e-003		52.2518
Worker	0.0423	0.0245	0.3606	1.2000e-003	2.1989	9.2000e-004	2.1998	0.2411	8.5000e-004	0.2420		119.3051	119.3051	2.6700e-003		119.3718
Total	0.0461	0.1610	0.3980	1.6900e-003	2.5596	1.0700e-003	2.5607	0.2794	1.0000e-003	0.2804		171.4887	171.4887	5.3900e-003		171.6236

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							lb/day							lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1029	3.6868	1.0107	0.0132	15.6924	4.1100e-003	15.6966	1.6299	3.9300e-003	1.6338		1,408.9587	1,408.9587	0.0735		1,410.7973
Worker	0.5003	0.2896	4.2672	0.0142	41.5051	0.0109	41.5160	4.4016	0.0100	4.4117		1,411.7767	1,411.7767	0.0316		1,412.5666
Total	0.6032	3.9763	5.2779	0.0273	57.1975	0.0150	57.2125	6.0315	0.0140	6.0455		2,820.7354	2,820.7354	0.1051		2,823.3639

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							lb/day							lb/day		
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.6 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1029	3.6868	1.0107	0.0132	9.7390	4.1100e-003	9.7431	1.0346	3.9300e-003	1.0385		1,408.9587	1,408.9587	0.0735		1,410.7973
Worker	0.5003	0.2896	4.2672	0.0142	26.0199	0.0109	26.0308	2.8531	0.0100	2.8632		1,411.7767	1,411.7767	0.0316		1,412.5666
Total	**0.6032**	**3.9763**	**5.2779**	**0.0273**	**35.7589**	**0.0150**	**35.7739**	**3.8877**	**0.0140**	**3.9017**		**2,820.7354**	**2,820.7354**	**0.1051**		**2,823.3639**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.6 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1003	3.6546	0.9840	0.0131	15.6924	4.0500e-003	15.6965	1.6299	3.8700e-003	1.6338		1,400.9497	1,400.9497	0.0724		1,402.7591
Worker	0.4752	0.2648	3.9663	0.0136	41.5051	0.0107	41.5158	4.4016	9.8500e-003	4.4115		1,356.1999	1,356.1999	0.0288		1,356.9200
Total	**0.5755**	**3.9195**	**4.9503**	**0.0267**	**57.1975**	**0.0148**	**57.2122**	**6.0315**	**0.0137**	**6.0453**		**2,757.1497**	**2,757.1497**	**0.1012**		**2,759.6791**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.5714	11.6107	19.1360	0.0289		0.0877	0.0877		0.0877	0.0877	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**0.5714**	**11.6107**	**19.1360**	**0.0289**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.6 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1003	3.6546	0.9840	0.0131	9.7390	4.0500e-003	9.7431	1.0346	3.8700e-003	1.0384		1,400.9497	1,400.9497	0.0724		1,402.7591
Worker	0.4752	0.2648	3.9663	0.0136	26.0199	0.0107	26.0306	2.8531	9.8500e-003	2.8630		1,356.1999	1,356.1999	0.0288		1,356.9200
Total	**0.5755**	**3.9195**	**4.9503**	**0.0267**	**35.7589**	**0.0148**	**35.7737**	**3.8877**	**0.0137**	**3.9014**		**2,757.1497**	**2,757.1497**	**0.1012**		**2,759.6791**

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.7 Wet Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	1.1624	3.0000e-004	1.1627	0.1207	2.9000e-004	0.1210		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.1762	0.1020	1.5025	4.9900e-003	14.6145	3.8400e-003	14.6183	1.5499	3.5400e-003	1.5534		497.1045	497.1045	0.0111		497.3826
Total	**0.1838**	**0.3751**	**1.5774**	**5.9600e-003**	**15.7769**	**4.1400e-003**	**15.7810**	**1.6706**	**3.8300e-003**	**1.6744**		**601.4718**	**601.4718**	**0.0166**		**601.8861**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.5361	12.8647	23.1405	0.0343		0.0562	0.0562		0.0562	0.0562	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**0.5361**	**12.8647**	**23.1405**	**0.0343**		**0.0562**	**0.0562**		**0.0562**	**0.0562**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.7 Wet Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	0.7214	3.0000e-004	0.7217	0.0766	2.9000e-004	0.0769		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.1762	0.1020	1.5025	4.9900e-003	9.1619	3.8400e-003	9.1658	1.0046	3.5400e-003	1.0082		497.1045	497.1045	0.0111		497.3826
Total	**0.1838**	**0.3751**	**1.5774**	**5.9600e-003**	**9.8834**	**4.1400e-003**	**9.8875**	**1.0812**	**3.8300e-003**	**1.0851**		**601.4718**	**601.4718**	**0.0166**		**601.8861**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.8 Dry Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	1.1624	3.0000e-004	1.1627	0.1207	2.9000e-004	0.1210		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.0916	0.0530	0.7813	2.5900e-003	7.5995	2.0000e-003	7.6015	0.8059	1.8400e-003	0.8078		258.4943	258.4943	5.7900e-003		258.6390
Total	**0.0992**	**0.3261**	**0.8562**	**3.5600e-003**	**8.7619**	**2.3000e-003**	**8.7642**	**0.9267**	**2.1300e-003**	**0.9288**		**362.8616**	**362.8616**	**0.0112**		**363.1425**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.3455	6.0346	11.3865	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.3455**	**6.0346**	**11.3865**	**0.0188**		**0.0308**	**0.0308**		**0.0308**	**0.0308**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.8 Dry Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6200e-003	0.2731	0.0749	9.7000e-004	0.7214	3.0000e-004	0.7217	0.0766	2.9000e-004	0.0769		104.3673	104.3673	5.4500e-003		104.5035
Worker	0.0916	0.0530	0.7813	2.5900e-003	4.7642	2.0000e-003	4.7662	0.5224	1.8400e-003	0.5242		258.4943	258.4943	5.7900e-003		258.6390
Total	0.0992	0.3261	0.8562	3.5600e-003	5.4856	2.3000e-003	5.4879	0.5990	2.1300e-003	0.6012		362.8616	362.8616	0.0112		363.1425

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5742	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.9 Surface Improvements - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1715	6.1446	1.6845	0.0219	26.1541	6.8500e-003	26.1609	2.7165	6.5500e-003	2.7231		2,348.2645	2,348.2645	0.1226		2,351.3288
Worker	0.0775	0.0449	0.6611	2.1900e-003	6.4304	1.6900e-003	6.4321	0.6819	1.5600e-003	0.6835		218.7260	218.7260	4.9000e-003		218.8484
Total	**0.2490**	**6.1895**	**2.3457**	**0.0241**	**32.5844**	**8.5400e-003**	**32.5930**	**3.3985**	**8.1100e-003**	**3.4066**		**2,566.9905**	**2,566.9905**	**0.1275**		**2,570.1772**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.7605	17.1464	31.2316	0.0477		0.0781	0.0781		0.0781	0.0781	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0880**	**17.1464**	**31.2316**	**0.0477**		**0.0781**	**0.0781**		**0.0781**	**0.0781**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.9 Surface Improvements - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1715	6.1446	1.6845	0.0219	16.2317	6.8500e-003	16.2385	1.7243	6.5500e-003	1.7308		2,348.2645	2,348.2645	0.1226		2,351.3288
Worker	0.0775	0.0449	0.6611	2.1900e-003	4.0313	1.6900e-003	4.0329	0.4420	1.5600e-003	0.4436		218.7260	218.7260	4.9000e-003		218.8484
Total	**0.2490**	**6.1895**	**2.3457**	**0.0241**	**20.2629**	**8.5400e-003**	**20.2715**	**2.1663**	**8.1100e-003**	**2.1744**		**2,566.9905**	**2,566.9905**	**0.1275**		**2,570.1772**

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.10 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.7100e-003	0.1354	0.0365	4.8000e-004	0.5812	1.5000e-004	0.5814	0.0604	1.4000e-004	0.0605		51.8870	51.8870	2.6800e-003		51.9540
Worker	0.0937	0.0522	0.7821	2.6800e-003	8.1841	2.1100e-003	8.1862	0.8679	1.9400e-003	0.8699		267.4197	267.4197	5.6800e-003		267.5617
Total	**0.0974**	**0.1876**	**0.8185**	**3.1600e-003**	**8.7653**	**2.2600e-003**	**8.7676**	**0.9283**	**2.0800e-003**	**0.9304**		**319.3067**	**319.3067**	**8.3600e-003**		**319.5157**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.2769**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

3.10 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.7100e-003	0.1354	0.0365	4.8000e-004	0.3607	1.5000e-004	0.3609	0.0383	1.4000e-004	0.0385		51.8870	51.8870	2.6800e-003		51.9540
Worker	0.0937	0.0522	0.7821	2.6800e-003	5.1307	2.1100e-003	5.1328	0.5626	1.9400e-003	0.5645		267.4197	267.4197	5.6800e-003		267.5617
Total	0.0974	0.1876	0.8185	3.1600e-003	5.4914	2.2600e-003	5.4936	0.6009	2.0800e-003	0.6030		319.3067	319.3067	8.3600e-003		319.5157

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Mitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Unmitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

Land Use	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.651 6	1.1792	0.0267	1,193.088 9
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.651 6	1.1792	0.0267	1,193.088 9

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory						lb/day							lb/day			
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory						lb/day							lb/day			
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre Mitigated
South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026

Utility Company   Southern California Edison

CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	12.00
tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	504.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	63.00	54.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

tblTripsAndVMT	VendorTripNumber	0.00	90.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	8.00	14.00
tblTripsAndVMT	WorkerTripNumber	28.00	36.00
tblTripsAndVMT	WorkerTripNumber	3.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	12.00
tblTripsAndVMT	WorkerTripNumber	166.00	142.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	10.00	26.00
tblTripsAndVMT	WorkerTripNumber	23.00	22.00
tblTripsAndVMT	WorkerTripNumber	33.00	28.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year					lb/day								lb/day			
2024	7.7716	78.5411	57.3211	0.1499	98.5438	3.1262	100.4893	10.3567	2.8762	12.1596	0.0000	14,690.22 49	14,690.22 49	4.5725	0.0000	14,765.17 83
2025	54.6264	19.0070	24.9100	0.0612	65.9628	0.6505	66.6133	6.9598	0.6151	7.5749	0.0000	6,044.720 0	6,044.720 0	0.7925	0.0000	6,064.532 1
Maximum	**54.6264**	**78.5411**	**57.3211**	**0.1499**	**98.5438**	**3.1262**	**100.4893**	**10.3567**	**2.8762**	**12.1596**	**0.0000**	**14,690.22 49**	**14,690.22 49**	**4.5725**	**0.0000**	**14,765.17 83**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year					lb/day								lb/day			
2024	3.0395	45.2580	78.5642	0.1499	61.5075	0.2416	61.7304	6.6530	0.2414	6.8743	0.0000	14,690.22 49	14,690.22 49	4.5725	0.0000	14,765.17 83
2025	53.5866	17.1371	26.9392	0.0612	41.2503	0.1101	41.3604	4.4886	0.1089	4.5975	0.0000	6,044.719 9	6,044.719 9	0.7925	0.0000	6,064.532 1
Maximum	**53.5866**	**45.2580**	**78.5642**	**0.1499**	**61.5075**	**0.2416**	**61.7304**	**6.6530**	**0.2414**	**6.8743**	**0.0000**	**14,690.22 49**	**14,690.22 49**	**4.5725**	**0.0000**	**14,765.17 83**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	9.25	36.04	-28.30	0.00	37.54	90.69	38.31	35.66	89.97	41.87	0.00	0.00	0.00	0.00	0.00	0.00

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	2/22/2024	5	12	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	14.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	36.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	6.00	2.00	504.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	142.00	54.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	50.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	26.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	22.00	90.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	28.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	0.9921	10.9445	6.6407	0.0188	1.0605	0.4351	1.4956	0.1145	0.4003	0.5148		1,819.0686	1,819.0686	0.5883		1,833.7767

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.2 Clear & Grub - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.5812	1.6000e-004	0.5814	0.0604	1.5000e-004	0.0605		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0544	0.0312	0.3759	1.3100e-003	4.0921	1.0800e-003	4.0931	0.4340	9.9000e-004	0.4350		130.1472	130.1472	2.8900e-003		130.2195
Total	0.0584	0.1669	0.4171	1.7800e-003	4.6733	1.2400e-003	4.6745	0.4943	1.1400e-003	0.4955		180.8465	180.8465	5.7900e-003		180.9913

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.3269	5.5027	10.7026	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	0.3269	5.5027	10.7026	0.0188	0.4772	0.0308	0.5080	0.0515	0.0308	0.0823	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.2 Clear & Grub - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.3607	1.6000e-004	0.3609	0.0383	1.5000e-004	0.0385		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0544	0.0312	0.3759	1.3100e-003	2.5653	1.0800e-003	2.5664	0.2813	9.9000e-004	0.2823		130.1472	130.1472	2.8900e-003		130.2195
Total	**0.0584**	**0.1669**	**0.4171**	**1.7800e-003**	**2.9260**	**1.2400e-003**	**2.9273**	**0.3196**	**1.1400e-003**	**0.3208**		**180.8465**	**180.8465**	**5.7900e-003**		**180.9913**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					15.5666	0.0000	15.5666	4.3408	0.0000	4.3408			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.0668	14,097.0668	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**15.5666**	**3.1232**	**18.6898**	**4.3408**	**2.8733**	**7.2141**		**14,097.0668**	**14,097.0668**	**4.5593**		**14,211.0487**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	1.1624	3.2000e-004	1.1627	0.1207	3.0000e-004	0.1210		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1398	0.0803	0.9666	3.3600e-003	10.5224	2.7700e-003	10.5252	1.1159	2.5500e-003	1.1185		334.6641	334.6641	7.4400e-003		334.8502
Total	0.1478	0.3517	1.0489	4.3100e-003	11.6848	3.0900e-003	11.6879	1.2366	2.8500e-003	1.2395		436.0627	436.0627	0.0132		436.3938

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					7.0050	0.0000	7.0050	1.9534	0.0000	1.9534			0.0000			0.0000
Off-Road	2.3851	38.4595	77.5152	0.1456		0.2385	0.2385		0.2385	0.2385	0.0000	14,097.0667	14,097.0667	4.5593		14,211.0487
Total	2.3851	38.4595	77.5152	0.1456	7.0050	0.2385	7.2435	1.9534	0.2385	2.1919	0.0000	14,097.0667	14,097.0667	4.5593		14,211.0487

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	0.7214	3.2000e-004	0.7217	0.0766	3.0000e-004	0.0769		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1398	0.0803	0.9666	3.3600e-003	6.5966	2.7700e-003	6.5994	0.7233	2.5500e-003	0.7259		334.6641	334.6641	7.4400e-003		334.8502
Total	**0.1478**	**0.3517**	**1.0489**	**4.3100e-003**	**7.3180**	**3.0900e-003**	**7.3211**	**0.8000**	**2.8500e-003**	**0.8028**		**436.0627**	**436.0627**	**0.0132**		**436.3938**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.4 Import Material to Balance Site - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.1702	5.4397	1.8533	0.0255	10.1612	0.0103	10.1715	1.1230	9.8100e-003	1.1328		2,771.7995	2,771.7995	0.1858		2,776.4453
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.5812	1.6000e-004	0.5814	0.0604	1.5000e-004	0.0605		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0233	0.0134	0.1611	5.6000e-004	1.7537	4.6000e-004	1.7542	0.1860	4.2000e-004	0.1864		55.7774	55.7774	1.2400e-003		55.8084
Total	**0.1975**	**5.5887**	**2.0556**	**0.0265**	**12.4962**	**0.0109**	**12.5071**	**1.3693**	**0.0104**	**1.3797**		**2,878.2761**	**2,878.2761**	**0.1900**		**2,883.0255**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.1031	1.6627	3.3512	6.2600e-003		0.0103	0.0103		0.0103	0.0103	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.1031**	**1.6627**	**3.3512**	**6.2600e-003**	**0.0128**	**0.0103**	**0.0231**	**1.9400e-003**	**0.0103**	**0.0123**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.4 Import Material to Balance Site - 2024

Mitigated Construction Off-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							lb/day								lb/day		
Hauling		0.1702	5.4397	1.8533	0.0255	6.4635	0.0103	6.4737	0.7532	9.8100e-003	0.7630		2,771.7995	2,771.7995	0.1858		2,776.4453
Vendor		4.0100e-003	0.1357	0.0411	4.7000e-004	0.3607	1.6000e-004	0.3609	0.0383	1.5000e-004	0.0385		50.6993	50.6993	2.9000e-003		50.7718
Worker		0.0233	0.0134	0.1611	5.6000e-004	1.0994	4.6000e-004	1.0999	0.1206	4.2000e-004	0.1210		55.7774	55.7774	1.2400e-003		55.8084
Total		**0.1975**	**5.5887**	**2.0556**	**0.0265**	**7.9236**	**0.0109**	**7.9345**	**0.9121**	**0.0104**	**0.9224**		**2,878.2761**	**2,878.2761**	**0.1900**		**2,883.0255**

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							lb/day								lb/day		
Fugitive Dust						1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road		1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total		**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.5 Finish Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.5812	1.6000e-004	0.5814	0.0604	1.5000e-004	0.0605		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0466	0.0268	0.3222	1.1200e-003	3.5075	9.2000e-004	3.5084	0.3720	8.5000e-004	0.3728		111.5547	111.5547	2.4800e-003		111.6167
Total	**0.0506**	**0.1625**	**0.3634**	**1.5900e-003**	**4.0887**	**1.0800e-003**	**4.0898**	**0.4323**	**1.0000e-003**	**0.4333**		**162.2540**	**162.2540**	**5.3800e-003**		**162.3885**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	0.3654	5.8925	11.8763	0.0223		0.0365	0.0365		0.0365	0.0365	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**0.3654**	**5.8925**	**11.8763**	**0.0223**	**0.7158**	**0.0365**	**0.7524**	**0.0773**	**0.0365**	**0.1138**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.5 Finish Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.3607	1.6000e-004	0.3609	0.0383	1.5000e-004	0.0385		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0466	0.0268	0.3222	1.1200e-003	2.1989	9.2000e-004	2.1998	0.2411	8.5000e-004	0.2420		111.5547	111.5547	2.4800e-003		111.6167
Total	0.0506	0.1625	0.3634	1.5900e-003	2.5596	1.0800e-003	2.5607	0.2794	1.0000e-003	0.2804		162.2540	162.2540	5.3800e-003		162.3885

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1084	3.6642	1.1108	0.0128	15.6924	4.2900e-003	15.6967	1.6299	4.1000e-003	1.6340		1,368.8813	1,368.8813	0.0783		1,370.8387
Worker	0.5514	0.3167	3.8129	0.0132	41.5051	0.0109	41.5160	4.4016	0.0100	4.4117		1,320.0640	1,320.0640	0.0294		1,320.7980
Total	**0.6597**	**3.9809**	**4.9236**	**0.0260**	**57.1975**	**0.0152**	**57.2127**	**6.0315**	**0.0141**	**6.0457**		**2,688.9453**	**2,688.9453**	**0.1077**		**2,691.6367**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.6 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1084	3.6642	1.1108	0.0128	9.7390	4.2900e-003	9.7433	1.0346	4.1000e-003	1.0387		1,368.8813	1,368.8813	0.0783		1,370.8387
Worker	0.5514	0.3167	3.8129	0.0132	26.0199	0.0109	26.0308	2.8531	0.0100	2.8632		1,320.0640	1,320.0640	0.0294		1,320.7980
Total	0.6597	3.9809	4.9236	0.0260	35.7589	0.0152	35.7741	3.8877	0.0141	3.9018		2,688.9453	2,688.9453	0.1077		2,691.6367

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.6 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1056	3.6322	1.0817	0.0127	15.6924	4.2100e-003	15.6967	1.6299	4.0300e-003	1.6339		1,361.3317	1,361.3317	0.0770		1,363.2560
Worker	0.5252	0.2895	3.5401	0.0127	41.5051	0.0107	41.5158	4.4016	9.8500e-003	4.4115		1,268.0650	1,268.0650	0.0267		1,268.7336
Total	**0.6308**	**3.9217**	**4.6218**	**0.0254**	**57.1975**	**0.0149**	**57.2124**	**6.0315**	**0.0139**	**6.0454**		**2,629.3966**	**2,629.3966**	**0.1037**		**2,631.9896**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.5714	11.6107	19.1360	0.0289		0.0877	0.0877		0.0877	0.0877	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**0.5714**	**11.6107**	**19.1360**	**0.0289**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.6 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1056	3.6322	1.0817	0.0127	9.7390	4.2100e-003	9.7432	1.0346	4.0300e-003	1.0386		1,361.3317	1,361.3317	0.0770		1,363.2560
Worker	0.5252	0.2895	3.5401	0.0127	26.0199	0.0107	26.0306	2.8531	9.8500e-003	2.8630		1,268.0650	1,268.0650	0.0267		1,268.7336
Total	0.6308	3.9217	4.6218	0.0254	35.7589	0.0149	35.7738	3.8877	0.0139	3.9016		2,629.3966	2,629.3966	0.1037		2,631.9896

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.7 Wet Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	1.1624	3.2000e-004	1.1627	0.1207	3.0000e-004	0.1210		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1941	0.1115	1.3426	4.6600e-003	14.6145	3.8400e-003	14.6183	1.5499	3.5400e-003	1.5534		464.8113	464.8113	0.0103		465.0697
Total	**0.2022**	**0.3829**	**1.4248**	**5.6100e-003**	**15.7769**	**4.1600e-003**	**15.7810**	**1.6706**	**3.8400e-003**	**1.6744**		**566.2099**	**566.2099**	**0.0161**		**566.6133**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.5361	12.8647	23.1405	0.0343		0.0562	0.0562		0.0562	0.0562	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**0.5361**	**12.8647**	**23.1405**	**0.0343**		**0.0562**	**0.0562**		**0.0562**	**0.0562**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.7 Wet Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	0.7214	3.2000e-004	0.7217	0.0766	3.0000e-004	0.0769		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1941	0.1115	1.3426	4.6600e-003	9.1619	3.8400e-003	9.1658	1.0046	3.5400e-003	1.0082		464.8113	464.8113	0.0103		465.0697
Total	**0.2022**	**0.3829**	**1.4248**	**5.6100e-003**	**9.8834**	**4.1600e-003**	**9.8875**	**1.0812**	**3.8400e-003**	**1.0851**		**566.2099**	**566.2099**	**0.0161**		**566.6133**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.8 Dry Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	1.1624	3.2000e-004	1.1627	0.1207	3.0000e-004	0.1210		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1010	0.0580	0.6981	2.4200e-003	7.5995	2.0000e-003	7.6015	0.8059	1.8400e-003	0.8078		241.7019	241.7019	5.3800e-003		241.8363
Total	**0.1090**	**0.3294**	**0.7804**	**3.3700e-003**	**8.7619**	**2.3200e-003**	**8.7642**	**0.9267**	**2.1400e-003**	**0.9288**		**343.1005**	**343.1005**	**0.0112**		**343.3799**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.3455	6.0346	11.3865	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.3455**	**6.0346**	**11.3865**	**0.0188**		**0.0308**	**0.0308**		**0.0308**	**0.0308**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.8 Dry Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	0.7214	3.2000e-004	0.7217	0.0766	3.0000e-004	0.0769		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1010	0.0580	0.6981	2.4200e-003	4.7642	2.0000e-003	4.7662	0.5224	1.8400e-003	0.5242		241.7019	241.7019	5.3800e-003		241.8363
Total	**0.1090**	**0.3294**	**0.7804**	**3.3700e-003**	**5.4856**	**2.3200e-003**	**5.4879**	**0.5990**	**2.1400e-003**	**0.6012**		**343.1005**	**343.1005**	**0.0112**		**343.3799**

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

3.9 Surface Improvements - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1806	6.1070	1.8513	0.0213	26.1541	7.1600e-003	26.1612	2.7165	6.8400e-003	2.7234		2,281.4688	2,281.4688	0.1305		2,284.7312
Worker	0.0854	0.0491	0.5907	2.0500e-003	6.4304	1.6900e-003	6.4321	0.6819	1.5600e-003	0.6835		204.5170	204.5170	4.5500e-003		204.6307
Total	**0.2660**	**6.1561**	**2.4420**	**0.0234**	**32.5844**	**8.8500e-003**	**32.5933**	**3.3985**	**8.4000e-003**	**3.4069**		**2,485.9858**	**2,485.9858**	**0.1350**		**2,489.3618**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.7605	17.1464	31.2316	0.0477		0.0781	0.0781		0.0781	0.0781	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0880**	**17.1464**	**31.2316**	**0.0477**		**0.0781**	**0.0781**		**0.0781**	**0.0781**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.9 Surface Improvements - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1806	6.1070	1.8513	0.0213	16.2317	7.1600e-003	16.2388	1.7243	6.8400e-003	1.7311		2,281.4688	2,281.4688	0.1305		2,284.7312
Worker	0.0854	0.0491	0.5907	2.0500e-003	4.0313	1.6900e-003	4.0329	0.4420	1.5600e-003	0.4436		204.5170	204.5170	4.5500e-003		204.6307
Total	**0.2660**	**6.1561**	**2.4420**	**0.0234**	**20.2629**	**8.8500e-003**	**20.2718**	**2.1663**	**8.4000e-003**	**2.1747**		**2,485.9858**	**2,485.9858**	**0.1350**		**2,489.3618**

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

3.10 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9100e-003	0.1345	0.0401	4.7000e-004	0.5812	1.6000e-004	0.5814	0.0604	1.5000e-004	0.0605		50.4197	50.4197	2.8500e-003		50.4910
Worker	0.1036	0.0571	0.6981	2.5100e-003	8.1841	2.1100e-003	8.1862	0.8679	1.9400e-003	0.8699		250.0410	250.0410	5.2700e-003		250.1728
Total	**0.1075**	**0.1916**	**0.7381**	**2.9800e-003**	**8.7653**	**2.2700e-003**	**8.7676**	**0.9283**	**2.0900e-003**	**0.9304**		**300.4607**	**300.4607**	**8.1200e-003**		**300.6638**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.2769**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.10 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9100e-003	0.1345	0.0401	4.7000e-004	0.3607	1.6000e-004	0.3609	0.0383	1.5000e-004	0.0385		50.4197	50.4197	2.8500e-003		50.4910
Worker	0.1036	0.0571	0.6981	2.5100e-003	5.1307	2.1100e-003	5.1328	0.5626	1.9400e-003	0.5645		250.0410	250.0410	5.2700e-003		250.1728
Total	0.1075	0.1916	0.7381	2.9800e-003	5.4914	2.2700e-003	5.4937	0.6009	2.0900e-003	0.6030		300.4607	300.4607	8.1200e-003		300.6638

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Mitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Unmitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr					lb/day									lb/day		
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr					lb/day									lb/day		
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory					lb/day								lb/day			
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

The Meadows at Sierra Madre Mitigated - South Coast AQMD Air District, Winter

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre LST
South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026

Utility Company   Southern California Edison

CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	20.00

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	0.00
tblTripsAndVMT	VendorTripNumber	63.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	33.00	0.00

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year					lb/day								lb/day			
2024	7.8777	80.5172	56.7682	0.1519	9.3685	3.2010	12.5695	2.6088	2.9450	5.5538	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.8627	3,114.8627	0.6806	0.0000	3,131.8788
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**9.3685**	**3.2010**	**12.5695**	**2.6088**	**2.9450**	**5.5538**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year					lb/day								lb/day			
2024	7.8777	80.5172	56.7682	0.1519	4.2158	3.2010	7.4168	1.1740	2.9450	4.1189	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.8626	3,114.8626	0.6806	0.0000	3,131.8788
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**4.2158**	**3.2010**	**7.4168**	**1.1740**	**2.9450**	**4.1189**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	55.00	0.00	39.03	55.00	0.00	23.32	0.00	0.00	0.00	0.00	0.00	0.00

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**1.0605**	**0.4351**	**1.4956**	**0.1145**	**0.4003**	**0.5148**		**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7767**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**0.4772**	**0.4351**	**0.9123**	**0.0515**	**0.4003**	**0.4518**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.06 68	14,097.06 68	4.5593		14,211.04 87
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.06 68**	**14,097.06 68**	**4.5593**		**14,211.04 87**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					4.2030	0.0000	4.2030	1.1720	0.0000	1.1720			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733	0.0000	14,097.06 67	14,097.06 67	4.5593		14,211.04 87
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**4.2030**	**3.1232**	**7.3261**	**1.1720**	**2.8733**	**4.0453**	**0.0000**	**14,097.06 67**	**14,097.06 67**	**4.5593**		**14,211.04 87**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0128**	**0.0779**	**0.0907**	**1.9400e-003**	**0.0717**	**0.0736**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**0.7158**	**0.5034**	**1.2192**	**0.0773**	**0.4631**	**0.5404**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.7124**	**2,738.7124**	**0.6635**		**2,755.3009**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day			
Off-Road		0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total		**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

Unmitigated Construction Off-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day			
Hauling		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Unmitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr					lb/day									lb/day		
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr					lb/day									lb/day		
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre LST
South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026

Utility Company   Southern California Edison

CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	20.00

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	0.00
tblTripsAndVMT	VendorTripNumber	63.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	33.00	0.00

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year					lb/day								lb/day			
2024	7.8777	80.5172	56.7682	0.1519	9.3685	3.2010	12.5695	2.6088	2.9450	5.5538	0.0000	14,702.58 09	14,702.58 09	4.7551	0.0000	14,821.45 87
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.862 7	3,114.862 7	0.6806	0.0000	3,131.878 8
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**9.3685**	**3.2010**	**12.5695**	**2.6088**	**2.9450**	**5.5538**	**0.0000**	**14,702.58 09**	**14,702.58 09**	**4.7551**	**0.0000**	**14,821.45 87**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year					lb/day								lb/day			
2024	7.8777	80.5172	56.7682	0.1519	4.2158	3.2010	7.4168	1.1740	2.9450	4.1189	0.0000	14,702.58 09	14,702.58 09	4.7551	0.0000	14,821.45 87
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.862 6	3,114.862 6	0.6806	0.0000	3,131.878 8
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**4.2158**	**3.2010**	**7.4168**	**1.1740**	**2.9450**	**4.1189**	**0.0000**	**14,702.58 09**	**14,702.58 09**	**4.7551**	**0.0000**	**14,821.45 87**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	55.00	0.00	39.03	55.00	0.00	23.32	0.00	0.00	0.00	0.00	0.00	0.00

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**1.0605**	**0.4351**	**1.4956**	**0.1145**	**0.4003**	**0.5148**		**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7767**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**0.4772**	**0.4351**	**0.9123**	**0.0515**	**0.4003**	**0.4518**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.06 68	14,097.06 68	4.5593		14,211.04 87
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.06 68**	**14,097.06 68**	**4.5593**		**14,211.04 87**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					4.2030	0.0000	4.2030	1.1720	0.0000	1.1720			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733	0.0000	14,097.06 67	14,097.06 67	4.5593		14,211.04 87
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**4.2030**	**3.1232**	**7.3261**	**1.1720**	**2.8733**	**4.0453**	**0.0000**	**14,097.06 67**	**14,097.06 67**	**4.5593**		**14,211.04 87**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0128**	**0.0779**	**0.0907**	**1.9400e-003**	**0.0717**	**0.0736**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**0.7158**	**0.5034**	**1.2192**	**0.0773**	**0.4631**	**0.5404**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.7124**	**2,738.7124**	**0.6635**		**2,755.3009**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656	0.0000	1,814.561 7	1,814.561 7	0.5869		1,829.233 4
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**	**0.0000**	**1,814.561 7**	**1,814.561 7**	**0.5869**		**1,829.233 4**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Unmitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory					lb/day								lb/day			
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

The Meadows at Sierra Madre LST - South Coast AQMD Air District, Winter

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

The Meadows at Sierra Madre LST Mitigated

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026

Utility Company   Southern California Edison

CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	10.00	2.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	0.00
tblTripsAndVMT	VendorTripNumber	63.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	33.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year					lb/day								lb/day			
2024	7.8777	80.5172	56.7682	0.1519	9.3685	3.2010	12.5695	2.6088	2.9450	5.5538	0.0000	14,702.58 09	14,702.58 09	4.7551	0.0000	14,821.45 87
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.862 7	3,114.862 7	0.6806	0.0000	3,131.878 8
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**9.3685**	**3.2010**	**12.5695**	**2.6088**	**2.9450**	**5.5538**	**0.0000**	**14,702.58 09**	**14,702.58 09**	**4.7551**	**0.0000**	**14,821.45 87**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year					lb/day								lb/day			
2024	2.4882	40.1222	80.8664	0.1519	4.2158	0.2488	4.4646	1.1740	0.2488	1.4228	0.0000	14,702.58 09	14,702.58 09	4.7551	0.0000	14,821.45 87
2025	52.8483	13.0238	21.5793	0.0328	0.0000	0.0930	0.0930	0.0000	0.0930	0.0930	0.0000	3,114.862 6	3,114.862 6	0.6806	0.0000	3,131.878 8
Maximum	**52.8483**	**40.1222**	**80.8664**	**0.1519**	**4.2158**	**0.2488**	**4.4646**	**1.1740**	**0.2488**	**1.4228**	**0.0000**	**14,702.58 09**	**14,702.58 09**	**4.7551**	**0.0000**	**14,821.45 87**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	10.41	44.30	-34.23	0.00	55.00	91.09	65.48	55.00	90.36	75.37	0.00	0.00	0.00	0.00	0.00	0.00

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	0.9921	10.9445	6.6407	0.0188	1.0605	0.4351	1.4956	0.1145	0.4003	0.5148		1,819.0686	1,819.0686	0.5883		1,833.7767

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.2 Clear & Grub - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.3269	5.5027	10.7026	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.3269**	**5.5027**	**10.7026**	**0.0188**	**0.4772**	**0.0308**	**0.5080**	**0.0515**	**0.0308**	**0.0823**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.2 Clear & Grub - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.06 68	14,097.06 68	4.5593		14,211.04 87
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.06 68**	**14,097.06 68**	**4.5593**		**14,211.04 87**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					4.2030	0.0000	4.2030	1.1720	0.0000	1.1720			0.0000			0.0000
Off-Road	2.3851	38.4595	77.5152	0.1456		0.2385	0.2385		0.2385	0.2385	0.0000	14,097.06 67	14,097.06 67	4.5593		14,211.04 87
Total	**2.3851**	**38.4595**	**77.5152**	**0.1456**	**4.2030**	**0.2385**	**4.4415**	**1.1720**	**0.2385**	**1.4105**	**0.0000**	**14,097.06 67**	**14,097.06 67**	**4.5593**		**14,211.04 87**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.4 Import Material to Balance Site - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.1031	1.6627	3.3512	6.2600e-003		0.0103	0.0103		0.0103	0.0103	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.1031**	**1.6627**	**3.3512**	**6.2600e-003**	**0.0128**	**0.0103**	**0.0231**	**1.9400e-003**	**0.0103**	**0.0123**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.4 Import Material to Balance Site - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.5 Finish Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	0.3654	5.8925	11.8763	0.0223		0.0365	0.0365		0.0365	0.0365	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**0.3654**	**5.8925**	**11.8763**	**0.0223**	**0.7158**	**0.0365**	**0.7524**	**0.0773**	**0.0365**	**0.1138**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.5 Finish Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.6 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.6 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	0.5714	11.6107	19.1360	0.0289		0.0877	0.0877		0.0877	0.0877	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**0.5714**	**11.6107**	**19.1360**	**0.0289**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.6 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.7 Wet Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	0.5361	12.8647	23.1405	0.0343		0.0562	0.0562		0.0562	0.0562	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**0.5361**	**12.8647**	**23.1405**	**0.0343**		**0.0562**	**0.0562**		**0.0562**	**0.0562**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.7 Wet Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.8 Dry Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	0.3455	6.0346	11.3865	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.3455**	**6.0346**	**11.3865**	**0.0188**		**0.0308**	**0.0308**		**0.0308**	**0.0308**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.8 Dry Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.9 Surface Improvements - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.7605	17.1464	31.2316	0.0477		0.0781	0.0781		0.0781	0.0781	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0880	17.1464	31.2316	0.0477		0.0781	0.0781		0.0781	0.0781	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.9 Surface Improvements - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.10 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.2769**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

3.10 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Mitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Unmitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr					lb/day									lb/day		
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr					lb/day									lb/day		
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.651 6	1.1792	0.0267	1,193.088 9
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.651 6	1.1792	0.0267	1,193.088 9

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre LST Mitigated
South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2

Precipitation Freq (Days)   31

Climate Zone   9   **Operational Year**   2026

Utility Company   Southern California Edison

CO2 Intensity (lb/MWhr)   702.44   **CH4 Intensity (lb/MWhr)**   0.029   **N2O Intensity (lb/MWhr)**   0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	10.00	2.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	0.00
tblTripsAndVMT	VendorTripNumber	63.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	33.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	7.8777	80.5172	56.7682	0.1519	9.3685	3.2010	12.5695	2.6088	2.9450	5.5538	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.8627	3,114.8627	0.6806	0.0000	3,131.8788
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**9.3685**	**3.2010**	**12.5695**	**2.6088**	**2.9450**	**5.5538**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.4882	40.1222	80.8664	0.1519	4.2158	0.2488	4.4646	1.1740	0.2488	1.4228	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	52.8483	13.0238	21.5793	0.0328	0.0000	0.0930	0.0930	0.0000	0.0930	0.0930	0.0000	3,114.8626	3,114.8626	0.6806	0.0000	3,131.8788
Maximum	**52.8483**	**40.1222**	**80.8664**	**0.1519**	**4.2158**	**0.2488**	**4.4646**	**1.1740**	**0.2488**	**1.4228**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	10.41	44.30	-34.23	0.00	55.00	91.09	65.48	55.00	90.36	75.37	0.00	0.00	0.00	0.00	0.00	0.00

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day							lb/day			
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	0.9921	10.9445	6.6407	0.0188	1.0605	0.4351	1.4956	0.1145	0.4003	0.5148		1,819.0686	1,819.0686	0.5883		1,833.7767

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.2 Clear & Grub - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.3269	5.5027	10.7026	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.3269**	**5.5027**	**10.7026**	**0.0188**	**0.4772**	**0.0308**	**0.5080**	**0.0515**	**0.0308**	**0.0823**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.2 Clear & Grub - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.06 68	14,097.06 68	4.5593		14,211.04 87
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.06 68**	**14,097.06 68**	**4.5593**		**14,211.04 87**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					4.2030	0.0000	4.2030	1.1720	0.0000	1.1720			0.0000			0.0000
Off-Road	2.3851	38.4595	77.5152	0.1456		0.2385	0.2385		0.2385	0.2385	0.0000	14,097.06 67	14,097.06 67	4.5593		14,211.04 87
Total	**2.3851**	**38.4595**	**77.5152**	**0.1456**	**4.2030**	**0.2385**	**4.4415**	**1.1720**	**0.2385**	**1.4105**	**0.0000**	**14,097.06 67**	**14,097.06 67**	**4.5593**		**14,211.04 87**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.4 Import Material to Balance Site - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.1031	1.6627	3.3512	6.2600e-003		0.0103	0.0103		0.0103	0.0103	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.1031**	**1.6627**	**3.3512**	**6.2600e-003**	**0.0128**	**0.0103**	**0.0231**	**1.9400e-003**	**0.0103**	**0.0123**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.4 Import Material to Balance Site - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.5 Finish Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	0.3654	5.8925	11.8763	0.0223		0.0365	0.0365		0.0365	0.0365	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**0.3654**	**5.8925**	**11.8763**	**0.0223**	**0.7158**	**0.0365**	**0.7524**	**0.0773**	**0.0365**	**0.1138**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.5 Finish Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.7124**	**2,738.7124**	**0.6635**		**2,755.3009**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.6 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.6 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.5714	11.6107	19.1360	0.0289		0.0877	0.0877		0.0877	0.0877	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**0.5714**	**11.6107**	**19.1360**	**0.0289**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.6 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.7 Wet Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.5361	12.8647	23.1405	0.0343		0.0562	0.0562		0.0562	0.0562	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**0.5361**	**12.8647**	**23.1405**	**0.0343**		**0.0562**	**0.0562**		**0.0562**	**0.0562**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.7 Wet Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.8 Dry Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.3455	6.0346	11.3865	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.3455**	**6.0346**	**11.3865**	**0.0188**		**0.0308**	**0.0308**		**0.0308**	**0.0308**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.8 Dry Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.9 Surface Improvements - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Off-Road	0.7605	17.1464	31.2316	0.0477		0.0781	0.0781		0.0781	0.0781	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0880**	**17.1464**	**31.2316**	**0.0477**		**0.0781**	**0.0781**		**0.0781**	**0.0781**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.9 Surface Improvements - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						lb/day								lb/day		
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.10 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.2769**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

3.10 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Unmitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					lb/day								lb/day			
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr						lb/day								lb/day		
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr						lb/day								lb/day		
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

APPENDIX B
Health Risk Assessment

Table of Contents

The Meadows at Sierra Madre HRA Mitigated
South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026

Utility Company   Southern California Edison

CO2 Intensity (lb/MWhr)   702.44   **CH4 Intensity (lb/MWhr)**   0.029   **N2O Intensity (lb/MWhr)**   0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

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Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403. In accordance with mitigation measure MM-AQ-1.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	AcresOfGrading	180.00	108.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

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tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19

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tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	441.00	504.00
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	63.00	54.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	90.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00

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tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	33.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.3502	3.6176	3.4922	7.1700e-003	0.1860	0.1387	0.3247	0.0466	0.1289	0.1755	0.0000	629.1413	629.1413	0.1739	0.0000	633.4879
2025	0.5937	0.7560	0.8389	1.5100e-003	0.0184	0.0267	0.0451	1.9400e-003	0.0251	0.0271	0.0000	131.5951	131.5951	0.0294	0.0000	132.3297
Maximum	**0.5937**	**3.6176**	**3.4922**	**7.1700e-003**	**0.1860**	**0.1387**	**0.3247**	**0.0466**	**0.1289**	**0.1755**	**0.0000**	**629.1413**	**629.1413**	**0.1739**	**0.0000**	**633.4879**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.1324	2.7768	4.3162	7.1700e-003	0.0930	0.0153	0.1083	0.0220	0.0153	0.0374	0.0000	629.1406	629.1406	0.1739	0.0000	633.4872
2025	0.5514	0.6741	0.9312	1.5100e-003	0.0115	4.1200e-003	0.0156	1.2400e-003	4.1100e-003	5.3600e-003	0.0000	131.5949	131.5949	0.0294	0.0000	132.3296
Maximum	**0.5514**	**2.7768**	**4.3162**	**7.1700e-003**	**0.0930**	**0.0153**	**0.1083**	**0.0220**	**0.0153**	**0.0374**	**0.0000**	**629.1406**	**629.1406**	**0.1739**	**0.0000**	**633.4872**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	27.55	21.10	-21.15	0.00	48.90	88.24	66.49	52.01	87.38	78.90	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-5-2024	5-4-2024	1.5338	0.9376
2	5-5-2024	8-4-2024	1.1933	0.9915
3	8-5-2024	11-4-2024	0.8208	0.6470
4	11-5-2024	2-4-2025	0.9290	0.8168
5	2-5-2025	5-4-2025	0.7517	0.6668
6	5-5-2025	8-4-2025	0.0252	0.0214
		Highest	1.5338	0.9915

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	0.8897	0.5485	1.9643	6.5100e-003	0.5160	0.0507	0.5667	0.1382	0.0504	0.1887	15.3957	724.3047	739.7004	0.7267	4.7900e-003	759.2944

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category				tons/yr									MT/yr			
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	**0.8897**	**0.5485**	**1.9643**	**6.5100e-003**	**0.5160**	**0.0507**	**0.5667**	**0.1382**	**0.0504**	**0.1887**	**15.3957**	**724.3047**	**739.7004**	**0.7267**	**4.7900e-003**	**759.2944**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43
Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40

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Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36

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Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	2.00	504.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	54.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	90.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Fugitive Dust					1.0600e-003	0.0000	1.0600e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9000e-004	0.0109	6.6400e-003	2.0000e-005		4.4000e-004	4.4000e-004		4.0000e-004	4.0000e-004	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**9.9000e-004**	**0.0109**	**6.6400e-003**	**2.0000e-005**	**1.0600e-003**	**4.4000e-004**	**1.5000e-003**	**1.1000e-004**	**4.0000e-004**	**5.1000e-004**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0112	0.0112	0.0000	0.0000	0.0112
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0112**	**0.0112**	**0.0000**	**0.0000**	**0.0112**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.8000e-004	0.0000	4.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3000e-004	5.5000e-003	0.0107	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**3.3000e-004**	**5.5000e-003**	**0.0107**	**2.0000e-005**	**4.8000e-004**	**3.0000e-005**	**5.1000e-004**	**5.0000e-005**	**3.0000e-005**	**8.0000e-005**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0112	0.0112	0.0000	0.0000	0.0112
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0112**	**0.0112**	**0.0000**	**0.0000**	**0.0112**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Fugitive Dust					0.1175	0.0000	0.1175	0.0393	0.0000	0.0393	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0762	0.7819	0.5527	1.4600e-003		0.0312	0.0312		0.0287	0.0287	0.0000	127.8864	127.8864	0.0414	0.0000	128.9205
Total	**0.0762**	**0.7819**	**0.5527**	**1.4600e-003**	**0.1175**	**0.0312**	**0.1487**	**0.0393**	**0.0287**	**0.0680**	**0.0000**	**127.8864**	**127.8864**	**0.0414**	**0.0000**	**128.9205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0200e-003	4.4000e-004	0.0000	2.9000e-004	0.0000	2.9000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.2239	0.2239	3.0000e-005	0.0000	0.2245
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.0200e-003**	**4.4000e-004**	**0.0000**	**2.9000e-004**	**0.0000**	**2.9000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.2239**	**0.2239**	**3.0000e-005**	**0.0000**	**0.2245**

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Fugitive Dust					0.0529	0.0000	0.0529	0.0177	0.0000	0.0177	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0239	0.3846	0.7752	1.4600e-003		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	127.8863	127.8863	0.0414	0.0000	128.9203
Total	**0.0239**	**0.3846**	**0.7752**	**1.4600e-003**	**0.0529**	**2.3900e-003**	**0.0553**	**0.0177**	**2.3900e-003**	**0.0201**	**0.0000**	**127.8863**	**127.8863**	**0.0414**	**0.0000**	**128.9203**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0200e-003	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2239	0.2239	3.0000e-005	0.0000	0.2245
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.0200e-003**	**4.4000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.2239**	**0.2239**	**3.0000e-005**	**0.0000**	**0.2245**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Fugitive Dust					2.0000e-004	0.0000	2.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7800e-003	0.0163	0.0105	4.0000e-005		5.5000e-004	5.5000e-004		5.0000e-004	5.0000e-004	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**1.7800e-003**	**0.0163**	**0.0105**	**4.0000e-005**	**2.0000e-004**	**5.5000e-004**	**7.5000e-004**	**3.0000e-005**	**5.0000e-004**	**5.3000e-004**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	2.8000e-004	0.0192	2.6500e-003	3.0000e-005	6.3000e-004	1.0000e-005	6.3000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.5561	2.5561	3.1000e-004	0.0000	2.5640
Vendor	1.0000e-005	7.1000e-004	1.5000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0784	0.0784	1.0000e-005	0.0000	0.0786
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.9000e-004**	**0.0199**	**2.8000e-003**	**3.0000e-005**	**7.3000e-004**	**1.0000e-005**	**7.3000e-004**	**8.0000e-005**	**1.0000e-005**	**9.0000e-005**	**0.0000**	**2.6345**	**2.6345**	**3.2000e-004**	**0.0000**	**2.6426**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Fugitive Dust					9.0000e-005	0.0000	9.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2000e-004	0.0116	0.0235	4.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**7.2000e-004**	**0.0116**	**0.0235**	**4.0000e-005**	**9.0000e-005**	**7.0000e-005**	**1.6000e-004**	**1.0000e-005**	**7.0000e-005**	**8.0000e-005**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Hauling	2.8000e-004	0.0192	2.6500e-003	3.0000e-005	4.0000e-004	1.0000e-005	4.1000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	2.5561	2.5561	3.1000e-004	0.0000	2.5640
Vendor	1.0000e-005	7.1000e-004	1.5000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0784	0.0784	1.0000e-005	0.0000	0.0786
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.9000e-004**	**0.0199**	**2.8000e-003**	**3.0000e-005**	**4.6000e-004**	**1.0000e-005**	**4.7000e-004**	**6.0000e-005**	**1.0000e-005**	**6.0000e-005**	**0.0000**	**2.6345**	**2.6345**	**3.2000e-004**	**0.0000**	**2.6426**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Fugitive Dust					0.0135	0.0000	0.0135	1.4600e-003	0.0000	1.4600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1160	0.0515	1.9000e-004		4.2800e-003	4.2800e-003		3.9400e-003	3.9400e-003	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7736
Total	**0.0102**	**0.1160**	**0.0515**	**1.9000e-004**	**0.0135**	**4.2800e-003**	**0.0178**	**1.4600e-003**	**3.9400e-003**	**5.4000e-003**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7736**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	8.6000e-004	1.9000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0951	0.0951	1.0000e-005	0.0000	0.0954
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**8.6000e-004**	**1.9000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0951**	**0.0951**	**1.0000e-005**	**0.0000**	**0.0954**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Fugitive Dust					6.0800e-003	0.0000	6.0800e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1100e-003	0.0501	0.1010	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7735
Total	**3.1100e-003**	**0.0501**	**0.1010**	**1.9000e-004**	**6.0800e-003**	**3.1000e-004**	**6.3900e-003**	**6.6000e-004**	**3.1000e-004**	**9.7000e-004**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7735**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	8.6000e-004	1.9000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0951	0.0951	1.0000e-005	0.0000	0.0954
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**8.6000e-004**	**1.9000e-004**	**0.0000**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0951**	**0.0951**	**1.0000e-005**	**0.0000**	**0.0954**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr						MT/yr			
Off-Road	0.1630	1.5002	1.7916	3.0000e-003		0.0683	0.0683		0.0641	0.0641	0.0000	258.3899	258.3899	0.0626	0.0000	259.9550
Total	**0.1630**	**1.5002**	**1.7916**	**3.0000e-003**		**0.0683**	**0.0683**		**0.0641**	**0.0641**	**0.0000**	**258.3899**	**258.3899**	**0.0626**	**0.0000**	**259.9550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category							tons/yr						MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-003	0.2837	0.0620	3.2000e-004	0.0413	7.0000e-005	0.0414	4.3500e-003	7.0000e-005	4.4200e-003	0.0000	31.4289	31.4289	3.8400e-003	0.0000	31.5248
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.5000e-003**	**0.2837**	**0.0620**	**3.2000e-004**	**0.0413**	**7.0000e-005**	**0.0414**	**4.3500e-003**	**7.0000e-005**	**4.4200e-003**	**0.0000**	**31.4289**	**31.4289**	**3.8400e-003**	**0.0000**	**31.5248**

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3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0594	1.2075	1.9902	3.0000e-003		9.1200e-003	9.1200e-003		9.1200e-003	9.1200e-003	0.0000	258.3896	258.3896	0.0626	0.0000	259.9547
Total	**0.0594**	**1.2075**	**1.9902**	**3.0000e-003**		**9.1200e-003**	**9.1200e-003**		**9.1200e-003**	**9.1200e-003**	**0.0000**	**258.3896**	**258.3896**	**0.0626**	**0.0000**	**259.9547**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-003	0.2837	0.0620	3.2000e-004	0.0257	7.0000e-005	0.0258	2.7900e-003	7.0000e-005	2.8600e-003	0.0000	31.4289	31.4289	3.8400e-003	0.0000	31.5248
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.5000e-003**	**0.2837**	**0.0620**	**3.2000e-004**	**0.0257**	**7.0000e-005**	**0.0258**	**2.7900e-003**	**7.0000e-005**	**2.8600e-003**	**0.0000**	**31.4289**	**31.4289**	**3.8400e-003**	**0.0000**	**31.5248**

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3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category				tons/yr									MT/yr			
Off-Road	0.0670	0.6149	0.7883	1.3300e-003		0.0260	0.0260		0.0244	0.0244	0.0000	114.3248	114.3248	0.0276	0.0000	115.0136
Total	**0.0670**	**0.6149**	**0.7883**	**1.3300e-003**		**0.0260**	**0.0260**		**0.0244**	**0.0244**	**0.0000**	**114.3248**	**114.3248**	**0.0276**	**0.0000**	**115.0136**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category				tons/yr									MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3300e-003	0.1249	0.0263	1.4000e-004	0.0183	3.0000e-005	0.0183	1.9200e-003	3.0000e-005	1.9500e-003	0.0000	13.7552	13.7552	1.6400e-003	0.0000	13.7961
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.3300e-003**	**0.1249**	**0.0263**	**1.4000e-004**	**0.0183**	**3.0000e-005**	**0.0183**	**1.9200e-003**	**3.0000e-005**	**1.9500e-003**	**0.0000**	**13.7552**	**13.7552**	**1.6400e-003**	**0.0000**	**13.7961**

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3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.0263	0.5341	0.8803	1.3300e-003		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003	0.0000	114.3247	114.3247	0.0276	0.0000	115.0134
Total	**0.0263**	**0.5341**	**0.8803**	**1.3300e-003**		**4.0300e-003**	**4.0300e-003**		**4.0300e-003**	**4.0300e-003**	**0.0000**	**114.3247**	**114.3247**	**0.0276**	**0.0000**	**115.0134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3300e-003	0.1249	0.0263	1.4000e-004	0.0114	3.0000e-005	0.0114	1.2300e-003	3.0000e-005	1.2600e-003	0.0000	13.7552	13.7552	1.6400e-003	0.0000	13.7961
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.3300e-003**	**0.1249**	**0.0263**	**1.4000e-004**	**0.0114**	**3.0000e-005**	**0.0114**	**1.2300e-003**	**3.0000e-005**	**1.2600e-003**	**0.0000**	**13.7552**	**13.7552**	**1.6400e-003**	**0.0000**	**13.7961**

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3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0401	0.3528	0.5178	1.0300e-003		0.0149	0.0149		0.0137	0.0137	0.0000	90.2293	90.2293	0.0292	0.0000	90.9588
Total	**0.0401**	**0.3528**	**0.5178**	**1.0300e-003**		**0.0149**	**0.0149**		**0.0137**	**0.0137**	**0.0000**	**90.2293**	**90.2293**	**0.0292**	**0.0000**	**90.9588**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.0600e-003	1.3200e-003	1.0000e-005	8.8000e-004	0.0000	8.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.6716	0.6716	8.0000e-005	0.0000	0.6736
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.0600e-003**	**1.3200e-003**	**1.0000e-005**	**8.8000e-004**	**0.0000**	**8.8000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.6716**	**0.6716**	**8.0000e-005**	**0.0000**	**0.6736**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0161	0.3859	0.6942	1.0300e-003		1.6800e-003	1.6800e-003		1.6800e-003	1.6800e-003	0.0000	90.2292	90.2292	0.0292	0.0000	90.9587
Total	**0.0161**	**0.3859**	**0.6942**	**1.0300e-003**		**1.6800e-003**	**1.6800e-003**		**1.6800e-003**	**1.6800e-003**	**0.0000**	**90.2292**	**90.2292**	**0.0292**	**0.0000**	**90.9587**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.0600e-003	1.3200e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.6716	0.6716	8.0000e-005	0.0000	0.6736
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.0600e-003**	**1.3200e-003**	**1.0000e-005**	**5.5000e-004**	**0.0000**	**5.5000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.6716**	**0.6716**	**8.0000e-005**	**0.0000**	**0.6736**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.0119	0.1133	0.1120	2.8000e-004		4.3300e-003	4.3300e-003		3.9800e-003	3.9800e-003	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	**0.0119**	**0.1133**	**0.1120**	**2.8000e-004**		**4.3300e-003**	**4.3300e-003**		**3.9800e-003**	**3.9800e-003**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.0300e-003	6.6000e-004	0.0000	4.4000e-004	0.0000	4.4000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.3358	0.3358	4.0000e-005	0.0000	0.3368
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.0300e-003**	**6.6000e-004**	**0.0000**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.3358**	**0.3358**	**4.0000e-005**	**0.0000**	**0.3368**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	5.1800e-003	0.0905	0.1708	2.8000e-004		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	**5.1800e-003**	**0.0905**	**0.1708**	**2.8000e-004**		**4.6000e-004**	**4.6000e-004**		**4.6000e-004**	**4.6000e-004**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.0300e-003	6.6000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3358	0.3358	4.0000e-005	0.0000	0.3368
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.0300e-003**	**6.6000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**2.8000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.3358**	**0.3358**	**4.0000e-005**	**0.0000**	**0.3368**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr									MT/yr			
Off-Road		0.0337	0.3424	0.3673	7.2000e-004		0.0146	0.0146		0.0134	0.0134	0.0000	62.8532	62.8532	0.0203	0.0000	63.3614
Paving		4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0386**	**0.3424**	**0.3673**	**7.2000e-004**		**0.0146**	**0.0146**		**0.0134**	**0.0134**	**0.0000**	**62.8532**	**62.8532**	**0.0203**	**0.0000**	**63.3614**

Unmitigated Construction Off-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr									MT/yr			
Hauling		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor		1.3200e-003	0.0682	0.0149	8.0000e-005	9.9400e-003	2.0000e-005	9.9500e-003	1.0500e-003	2.0000e-005	1.0600e-003	0.0000	7.5550	7.5550	9.2000e-004	0.0000	7.5781
Worker		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.3200e-003**	**0.0682**	**0.0149**	**8.0000e-005**	**9.9400e-003**	**2.0000e-005**	**9.9500e-003**	**1.0500e-003**	**2.0000e-005**	**1.0600e-003**	**0.0000**	**7.5550**	**7.5550**	**9.2000e-004**	**0.0000**	**7.5781**

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3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.0114	0.2572	0.4685	7.2000e-004		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003	0.0000	62.8531	62.8531	0.0203	0.0000	63.3613
Paving	4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0163**	**0.2572**	**0.4685**	**7.2000e-004**		**1.1700e-003**	**1.1700e-003**		**1.1700e-003**	**1.1700e-003**	**0.0000**	**62.8531**	**62.8531**	**0.0203**	**0.0000**	**63.3613**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3200e-003	0.0682	0.0149	8.0000e-005	6.1900e-003	2.0000e-005	6.2000e-003	6.7000e-004	2.0000e-005	6.9000e-004	0.0000	7.5550	7.5550	9.2000e-004	0.0000	7.5781
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3200e-003**	**0.0682**	**0.0149**	**8.0000e-005**	**6.1900e-003**	**2.0000e-005**	**6.2000e-003**	**6.7000e-004**	**2.0000e-005**	**6.9000e-004**	**0.0000**	**7.5550**	**7.5550**	**9.2000e-004**	**0.0000**	**7.5781**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0153	0.0241	4.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5243**	**0.0153**	**0.0241**	**4.0000e-005**		**6.9000e-004**	**6.9000e-004**		**6.9000e-004**	**6.9000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.1000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.1108	0.1108	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0100e-003**	**2.1000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.1108**	**0.1108**	**1.0000e-005**	**0.0000**	**0.1111**

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3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3000e-004	0.0141	0.0244	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5228**	**0.0141**	**0.0244**	**4.0000e-005**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.1000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1108	0.1108	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0100e-003**	**2.1000e-004**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.1108**	**0.1108**	**1.0000e-005**	**0.0000**	**0.1111**

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Unmitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
NaturalGas Mitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
NaturalGas Unmitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442

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5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e +006	6.2200e- 003	0.0532	0.0226	3.4000e- 004		4.3000e- 003	4.3000e- 003		4.3000e- 003	4.3000e- 003	0.0000	61.5783	61.5783	1.1800e- 003	1.1300e- 003	61.9442
Total		**6.2200e- 003**	**0.0532**	**0.0226**	**3.4000e- 004**		**4.3000e- 003**	**4.3000e- 003**		**4.3000e- 003**	**4.3000e- 003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e- 003**	**1.1300e- 003**	**61.9442**

Mitigated

Land Use	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e +006	6.2200e- 003	0.0532	0.0226	3.4000e- 004		4.3000e- 003	4.3000e- 003		4.3000e- 003	4.3000e- 003	0.0000	61.5783	61.5783	1.1800e- 003	1.1300e- 003	61.9442
Total		**6.2200e- 003**	**0.0532**	**0.0226**	**3.4000e- 004**		**4.3000e- 003**	**4.3000e- 003**		**4.3000e- 003**	**4.3000e- 003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e- 003**	**1.1300e- 003**	**61.9442**

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5.3 Energy by Land Use - Electricity

Unmitigated

Land Use	Electricity Use kWh/yr	Total CO2	CH4	N2O	CO2e
		MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

Mitigated

Land Use	Electricity Use kWh/yr	Total CO2	CH4	N2O	CO2e
		MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

6.0 Area Detail

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6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Unmitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory					tons/yr								MT/yr			
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

7.0 Water Detail

7.1 Mitigation Measures Water

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	37.2655	0.0907	2.4200e-003	40.2524
Unmitigated	37.2655	0.0907	2.4200e-003	40.2524

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

7.2 Water by Land Use

Mitigated

Land Use	Indoor/Outdoor Use Mgal	Total CO2	CH4	N2O	CO2e
		MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.0663	0.5949	0.0000	24.9389
Unmitigated	10.0663	0.5949	0.0000	24.9389

8.2 Waste by Land Use

Unmitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
	tons	MT/yr			
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

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8.2 Waste by Land Use

Mitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
	tons	MT/yr			
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

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11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026

Utility Company Southern California Edison

CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

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Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	20.00

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tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	AcresOfGrading	180.00	108.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20

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tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	441.00	504.00

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tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	63.00	54.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	90.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	33.00	0.00

tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year							tons/yr							MT/yr		
2024	0.3502	3.6176	3.4922	7.1700e-003	0.1860	0.1387	0.3247	0.0466	0.1289	0.1755	0.0000	629.1413	629.1413	0.1739	0.0000	633.4879
2025	0.5937	0.7560	0.8389	1.5100e-003	0.0184	0.0267	0.0451	1.9400e-003	0.0251	0.0271	0.0000	131.5951	131.5951	0.0294	0.0000	132.3297
Maximum	**0.5937**	**3.6176**	**3.4922**	**7.1700e-003**	**0.1860**	**0.1387**	**0.3247**	**0.0466**	**0.1289**	**0.1755**	**0.0000**	**629.1413**	**629.1413**	**0.1739**	**0.0000**	**633.4879**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year							tons/yr							MT/yr		
2024	0.3502	3.6176	3.4922	7.1700e-003	0.0930	0.1387	0.2317	0.0220	0.1289	0.1509	0.0000	629.1406	629.1406	0.1739	0.0000	633.4872
2025	0.5937	0.7560	0.8389	1.5100e-003	0.0115	0.0267	0.0382	1.2400e-003	0.0251	0.0264	0.0000	131.5949	131.5949	0.0294	0.0000	132.3296
Maximum	**0.5937**	**3.6176**	**3.4922**	**7.1700e-003**	**0.0930**	**0.1387**	**0.2317**	**0.0220**	**0.1289**	**0.1509**	**0.0000**	**629.1406**	**629.1406**	**0.1739**	**0.0000**	**633.4872**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	48.90	0.00	27.04	52.01	0.00	12.44	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-5-2024	5-4-2024	1.5338	1.5338
2	5-5-2024	8-4-2024	1.1933	1.1933
3	8-5-2024	11-4-2024	0.8208	0.8208
4	11-5-2024	2-4-2025	0.9290	0.9290
5	2-5-2025	5-4-2025	0.7517	0.7517
6	5-5-2025	8-4-2025	0.0252	0.0252
		Highest	1.5338	1.5338

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	0.8897	0.5485	1.9643	6.5100e-003	0.5160	0.0507	0.5667	0.1382	0.0504	0.1887	15.3957	724.3047	739.7004	0.7267	4.7900e-003	759.2944

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	**0.8897**	**0.5485**	**1.9643**	**6.5100e-003**	**0.5160**	**0.0507**	**0.5667**	**0.1382**	**0.0504**	**0.1887**	**15.3957**	**724.3047**	**739.7004**	**0.7267**	**4.7900e-003**	**759.2944**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43
Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40

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Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36

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Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	2.00	504.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	54.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	90.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Fugitive Dust					1.0600e-003	0.0000	1.0600e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9000e-004	0.0109	6.6400e-003	2.0000e-005		4.4000e-004	4.4000e-004		4.0000e-004	4.0000e-004	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**9.9000e-004**	**0.0109**	**6.6400e-003**	**2.0000e-005**	**1.0600e-003**	**4.4000e-004**	**1.5000e-003**	**1.1000e-004**	**4.0000e-004**	**5.1000e-004**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0112	0.0112	0.0000	0.0000	0.0112
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0112**	**0.0112**	**0.0000**	**0.0000**	**0.0112**

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3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.8000e-004	0.0000	4.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9000e-004	0.0109	6.6400e-003	2.0000e-005		4.4000e-004	4.4000e-004		4.0000e-004	4.0000e-004	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**9.9000e-004**	**0.0109**	**6.6400e-003**	**2.0000e-005**	**4.8000e-004**	**4.4000e-004**	**9.2000e-004**	**5.0000e-005**	**4.0000e-004**	**4.5000e-004**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0112	0.0112	0.0000	0.0000	0.0112
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0112**	**0.0112**	**0.0000**	**0.0000**	**0.0112**

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3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1175	0.0000	0.1175	0.0393	0.0000	0.0393	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0762	0.7819	0.5527	1.4600e-003		0.0312	0.0312		0.0287	0.0287	0.0000	127.8864	127.8864	0.0414	0.0000	128.9205
Total	**0.0762**	**0.7819**	**0.5527**	**1.4600e-003**	**0.1175**	**0.0312**	**0.1487**	**0.0393**	**0.0287**	**0.0680**	**0.0000**	**127.8864**	**127.8864**	**0.0414**	**0.0000**	**128.9205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0200e-003	4.4000e-004	0.0000	2.9000e-004	0.0000	2.9000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.2239	0.2239	3.0000e-005	0.0000	0.2245
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.0200e-003**	**4.4000e-004**	**0.0000**	**2.9000e-004**	**0.0000**	**2.9000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.2239**	**0.2239**	**3.0000e-005**	**0.0000**	**0.2245**

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3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0529	0.0000	0.0529	0.0177	0.0000	0.0177	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0762	0.7819	0.5527	1.4600e-003		0.0312	0.0312		0.0287	0.0287	0.0000	127.8863	127.8863	0.0414	0.0000	128.9203
Total	**0.0762**	**0.7819**	**0.5527**	**1.4600e-003**	**0.0529**	**0.0312**	**0.0841**	**0.0177**	**0.0287**	**0.0464**	**0.0000**	**127.8863**	**127.8863**	**0.0414**	**0.0000**	**128.9203**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0200e-003	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2239	0.2239	3.0000e-005	0.0000	0.2245
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.0200e-003**	**4.4000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.2239**	**0.2239**	**3.0000e-005**	**0.0000**	**0.2245**

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3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Fugitive Dust					2.0000e-004	0.0000	2.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7800e-003	0.0163	0.0105	4.0000e-005		5.5000e-004	5.5000e-004		5.0000e-004	5.0000e-004	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**1.7800e-003**	**0.0163**	**0.0105**	**4.0000e-005**	**2.0000e-004**	**5.5000e-004**	**7.5000e-004**	**3.0000e-005**	**5.0000e-004**	**5.3000e-004**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	2.8000e-004	0.0192	2.6500e-003	3.0000e-005	6.3000e-004	1.0000e-005	6.3000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.5561	2.5561	3.1000e-004	0.0000	2.5640
Vendor	1.0000e-005	7.1000e-004	1.5000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0784	0.0784	1.0000e-005	0.0000	0.0786
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.9000e-004**	**0.0199**	**2.8000e-003**	**3.0000e-005**	**7.3000e-004**	**1.0000e-005**	**7.3000e-004**	**8.0000e-005**	**1.0000e-005**	**9.0000e-005**	**0.0000**	**2.6345**	**2.6345**	**3.2000e-004**	**0.0000**	**2.6426**

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3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Fugitive Dust					9.0000e-005	0.0000	9.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7800e-003	0.0163	0.0105	4.0000e-005		5.5000e-004	5.5000e-004		5.0000e-004	5.0000e-004	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**1.7800e-003**	**0.0163**	**0.0105**	**4.0000e-005**	**9.0000e-005**	**5.5000e-004**	**6.4000e-004**	**1.0000e-005**	**5.0000e-004**	**5.1000e-004**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	2.8000e-004	0.0192	2.6500e-003	3.0000e-005	4.0000e-004	1.0000e-005	4.1000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	2.5561	2.5561	3.1000e-004	0.0000	2.5640
Vendor	1.0000e-005	7.1000e-004	1.5000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0784	0.0784	1.0000e-005	0.0000	0.0786
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.9000e-004**	**0.0199**	**2.8000e-003**	**3.0000e-005**	**4.6000e-004**	**1.0000e-005**	**4.7000e-004**	**6.0000e-005**	**1.0000e-005**	**6.0000e-005**	**0.0000**	**2.6345**	**2.6345**	**3.2000e-004**	**0.0000**	**2.6426**

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3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0135	0.0000	0.0135	1.4600e-003	0.0000	1.4600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1160	0.0515	1.9000e-004		4.2800e-003	4.2800e-003		3.9400e-003	3.9400e-003	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7736
Total	**0.0102**	**0.1160**	**0.0515**	**1.9000e-004**	**0.0135**	**4.2800e-003**	**0.0178**	**1.4600e-003**	**3.9400e-003**	**5.4000e-003**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7736**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	8.6000e-004	1.9000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0951	0.0951	1.0000e-005	0.0000	0.0954
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**8.6000e-004**	**1.9000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0951**	**0.0951**	**1.0000e-005**	**0.0000**	**0.0954**

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3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Fugitive Dust					6.0800e-003	0.0000	6.0800e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1160	0.0515	1.9000e-004		4.2800e-003	4.2800e-003		3.9400e-003	3.9400e-003	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7735
Total	**0.0102**	**0.1160**	**0.0515**	**1.9000e-004**	**6.0800e-003**	**4.2800e-003**	**0.0104**	**6.6000e-004**	**3.9400e-003**	**4.6000e-003**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7735**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	8.6000e-004	1.9000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0951	0.0951	1.0000e-005	0.0000	0.0954
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**8.6000e-004**	**1.9000e-004**	**0.0000**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0951**	**0.0951**	**1.0000e-005**	**0.0000**	**0.0954**

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3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.1630	1.5002	1.7916	3.0000e-003		0.0683	0.0683		0.0641	0.0641	0.0000	258.3899	258.3899	0.0626	0.0000	259.9550
Total	**0.1630**	**1.5002**	**1.7916**	**3.0000e-003**		**0.0683**	**0.0683**		**0.0641**	**0.0641**	**0.0000**	**258.3899**	**258.3899**	**0.0626**	**0.0000**	**259.9550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-003	0.2837	0.0620	3.2000e-004	0.0413	7.0000e-005	0.0414	4.3500e-003	7.0000e-005	4.4200e-003	0.0000	31.4289	31.4289	3.8400e-003	0.0000	31.5248
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.5000e-003**	**0.2837**	**0.0620**	**3.2000e-004**	**0.0413**	**7.0000e-005**	**0.0414**	**4.3500e-003**	**7.0000e-005**	**4.4200e-003**	**0.0000**	**31.4289**	**31.4289**	**3.8400e-003**	**0.0000**	**31.5248**

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3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1630	1.5002	1.7916	3.0000e-003		0.0683	0.0683		0.0641	0.0641	0.0000	258.3896	258.3896	0.0626	0.0000	259.9547
Total	**0.1630**	**1.5002**	**1.7916**	**3.0000e-003**		**0.0683**	**0.0683**		**0.0641**	**0.0641**	**0.0000**	**258.3896**	**258.3896**	**0.0626**	**0.0000**	**259.9547**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-003	0.2837	0.0620	3.2000e-004	0.0257	7.0000e-005	0.0258	2.7900e-003	7.0000e-005	2.8600e-003	0.0000	31.4289	31.4289	3.8400e-003	0.0000	31.5248
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.5000e-003**	**0.2837**	**0.0620**	**3.2000e-004**	**0.0257**	**7.0000e-005**	**0.0258**	**2.7900e-003**	**7.0000e-005**	**2.8600e-003**	**0.0000**	**31.4289**	**31.4289**	**3.8400e-003**	**0.0000**	**31.5248**

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3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.0670	0.6149	0.7883	1.3300e-003		0.0260	0.0260		0.0244	0.0244	0.0000	114.3248	114.3248	0.0276	0.0000	115.0136
Total	**0.0670**	**0.6149**	**0.7883**	**1.3300e-003**		**0.0260**	**0.0260**		**0.0244**	**0.0244**	**0.0000**	**114.3248**	**114.3248**	**0.0276**	**0.0000**	**115.0136**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3300e-003	0.1249	0.0263	1.4000e-004	0.0183	3.0000e-005	0.0183	1.9200e-003	3.0000e-005	1.9500e-003	0.0000	13.7552	13.7552	1.6400e-003	0.0000	13.7961
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.3300e-003**	**0.1249**	**0.0263**	**1.4000e-004**	**0.0183**	**3.0000e-005**	**0.0183**	**1.9200e-003**	**3.0000e-005**	**1.9500e-003**	**0.0000**	**13.7552**	**13.7552**	**1.6400e-003**	**0.0000**	**13.7961**

3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0670	0.6149	0.7883	1.3300e-003		0.0260	0.0260		0.0244	0.0244	0.0000	114.3247	114.3247	0.0276	0.0000	115.0134
Total	**0.0670**	**0.6149**	**0.7883**	**1.3300e-003**		**0.0260**	**0.0260**		**0.0244**	**0.0244**	**0.0000**	**114.3247**	**114.3247**	**0.0276**	**0.0000**	**115.0134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3300e-003	0.1249	0.0263	1.4000e-004	0.0114	3.0000e-005	0.0114	1.2300e-003	3.0000e-005	1.2600e-003	0.0000	13.7552	13.7552	1.6400e-003	0.0000	13.7961
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.3300e-003**	**0.1249**	**0.0263**	**1.4000e-004**	**0.0114**	**3.0000e-005**	**0.0114**	**1.2300e-003**	**3.0000e-005**	**1.2600e-003**	**0.0000**	**13.7552**	**13.7552**	**1.6400e-003**	**0.0000**	**13.7961**

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3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Off-Road	0.0401	0.3528	0.5178	1.0300e-003		0.0149	0.0149		0.0137	0.0137	0.0000	90.2293	90.2293	0.0292	0.0000	90.9588
Total	**0.0401**	**0.3528**	**0.5178**	**1.0300e-003**		**0.0149**	**0.0149**		**0.0137**	**0.0137**	**0.0000**	**90.2293**	**90.2293**	**0.0292**	**0.0000**	**90.9588**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.0600e-003	1.3200e-003	1.0000e-005	8.8000e-004	0.0000	8.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.6716	0.6716	8.0000e-005	0.0000	0.6736
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.0600e-003**	**1.3200e-003**	**1.0000e-005**	**8.8000e-004**	**0.0000**	**8.8000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.6716**	**0.6716**	**8.0000e-005**	**0.0000**	**0.6736**

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3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.0401	0.3528	0.5178	1.0300e-003		0.0149	0.0149		0.0137	0.0137	0.0000	90.2292	90.2292	0.0292	0.0000	90.9587
Total	**0.0401**	**0.3528**	**0.5178**	**1.0300e-003**		**0.0149**	**0.0149**		**0.0137**	**0.0137**	**0.0000**	**90.2292**	**90.2292**	**0.0292**	**0.0000**	**90.9587**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.0600e-003	1.3200e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.6716	0.6716	8.0000e-005	0.0000	0.6736
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.0600e-003**	**1.3200e-003**	**1.0000e-005**	**5.5000e-004**	**0.0000**	**5.5000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.6716**	**0.6716**	**8.0000e-005**	**0.0000**	**0.6736**

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3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Off-Road	0.0119	0.1133	0.1120	2.8000e-004		4.3300e-003	4.3300e-003		3.9800e-003	3.9800e-003	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	**0.0119**	**0.1133**	**0.1120**	**2.8000e-004**		**4.3300e-003**	**4.3300e-003**		**3.9800e-003**	**3.9800e-003**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.0300e-003	6.6000e-004	0.0000	4.4000e-004	0.0000	4.4000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.3358	0.3358	4.0000e-005	0.0000	0.3368
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.0300e-003**	**6.6000e-004**	**0.0000**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.3358**	**0.3358**	**4.0000e-005**	**0.0000**	**0.3368**

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3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Off-Road	0.0119	0.1133	0.1120	2.8000e-004		4.3300e-003	4.3300e-003		3.9800e-003	3.9800e-003	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	**0.0119**	**0.1133**	**0.1120**	**2.8000e-004**		**4.3300e-003**	**4.3300e-003**		**3.9800e-003**	**3.9800e-003**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.0300e-003	6.6000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3358	0.3358	4.0000e-005	0.0000	0.3368
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.0300e-003**	**6.6000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**2.8000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.3358**	**0.3358**	**4.0000e-005**	**0.0000**	**0.3368**

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3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0337	0.3424	0.3673	7.2000e-004		0.0146	0.0146		0.0134	0.0134	0.0000	62.8532	62.8532	0.0203	0.0000	63.3614
Paving	4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0386**	**0.3424**	**0.3673**	**7.2000e-004**		**0.0146**	**0.0146**		**0.0134**	**0.0134**	**0.0000**	**62.8532**	**62.8532**	**0.0203**	**0.0000**	**63.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3200e-003	0.0682	0.0149	8.0000e-005	9.9400e-003	2.0000e-005	9.9500e-003	1.0500e-003	2.0000e-005	1.0600e-003	0.0000	7.5550	7.5550	9.2000e-004	0.0000	7.5781
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3200e-003**	**0.0682**	**0.0149**	**8.0000e-005**	**9.9400e-003**	**2.0000e-005**	**9.9500e-003**	**1.0500e-003**	**2.0000e-005**	**1.0600e-003**	**0.0000**	**7.5550**	**7.5550**	**9.2000e-004**	**0.0000**	**7.5781**

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3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0337	0.3424	0.3673	7.2000e-004		0.0146	0.0146		0.0134	0.0134	0.0000	62.8531	62.8531	0.0203	0.0000	63.3613
Paving	4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0386**	**0.3424**	**0.3673**	**7.2000e-004**		**0.0146**	**0.0146**		**0.0134**	**0.0134**	**0.0000**	**62.8531**	**62.8531**	**0.0203**	**0.0000**	**63.3613**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3200e-003	0.0682	0.0149	8.0000e-005	6.1900e-003	2.0000e-005	6.2000e-003	6.7000e-004	2.0000e-005	6.9000e-004	0.0000	7.5550	7.5550	9.2000e-004	0.0000	7.5781
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3200e-003**	**0.0682**	**0.0149**	**8.0000e-005**	**6.1900e-003**	**2.0000e-005**	**6.2000e-003**	**6.7000e-004**	**2.0000e-005**	**6.9000e-004**	**0.0000**	**7.5550**	**7.5550**	**9.2000e-004**	**0.0000**	**7.5781**

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3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0153	0.0241	4.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5243**	**0.0153**	**0.0241**	**4.0000e-005**		**6.9000e-004**	**6.9000e-004**		**6.9000e-004**	**6.9000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.1000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.1108	0.1108	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0100e-003**	**2.1000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.1108**	**0.1108**	**1.0000e-005**	**0.0000**	**0.1111**

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3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0153	0.0241	4.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5243**	**0.0153**	**0.0241**	**4.0000e-005**		**6.9000e-004**	**6.9000e-004**		**6.9000e-004**	**6.9000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category					tons/yr								MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.1000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1108	0.1108	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0100e-003**	**2.1000e-004**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.1108**	**0.1108**	**1.0000e-005**	**0.0000**	**0.1111**

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Unmitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
NaturalGas Mitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
NaturalGas Unmitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442

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5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e +006	6.2200e- 003	0.0532	0.0226	3.4000e- 004		4.3000e- 003	4.3000e- 003		4.3000e- 003	4.3000e- 003	0.0000	61.5783	61.5783	1.1800e- 003	1.1300e- 003	61.9442
Total		**6.2200e- 003**	**0.0532**	**0.0226**	**3.4000e- 004**		**4.3000e- 003**	**4.3000e- 003**		**4.3000e- 003**	**4.3000e- 003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e- 003**	**1.1300e- 003**	**61.9442**

Mitigated

Land Use	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e +006	6.2200e- 003	0.0532	0.0226	3.4000e- 004		4.3000e- 003	4.3000e- 003		4.3000e- 003	4.3000e- 003	0.0000	61.5783	61.5783	1.1800e- 003	1.1300e- 003	61.9442
Total		**6.2200e- 003**	**0.0532**	**0.0226**	**3.4000e- 004**		**4.3000e- 003**	**4.3000e- 003**		**4.3000e- 003**	**4.3000e- 003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e- 003**	**1.1300e- 003**	**61.9442**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

6.0 Area Detail

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6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Unmitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

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6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory					tons/yr								MT/yr			
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	37.2655	0.0907	2.4200e-003	40.2524
Unmitigated	37.2655	0.0907	2.4200e-003	40.2524

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

7.2 Water by Land Use

<u>**Mitigated**</u>

Land Use	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
	Mgal	MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

8.0 Waste Detail

8.1 Mitigation Measures Waste

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.0663	0.5949	0.0000	24.9389
Unmitigated	10.0663	0.5949	0.0000	24.9389

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

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8.2 Waste by Land Use

Mitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
	tons	MT/yr			
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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**  Lakes Environmental Software Inc.
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** PREFIX
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** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Trucks
** PREFIX
** Length of Side = 3.12
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 3.16
** SZINIT = 1.47
** Nodes = 19
** 402083.404, 3781702.857, 349.01, 3.40, 1.45
** 402107.676, 3781651.964, 341.96, 3.40, 1.45
** 402128.817, 3781617.513, 337.40, 3.40, 1.45
** 402160.136, 3781610.466, 336.65, 3.40, 1.45
** 402194.587, 3781610.466, 335.52, 3.40, 1.45
** 402224.340, 3781610.466, 334.47, 3.40, 1.45
** 402269.753, 3781598.721, 332.39, 3.40, 1.45
** 402302.638, 3781588.543, 332.12, 3.40, 1.45
** 402336.306, 3781586.977, 334.44, 3.40, 1.45
** 402758.332, 3781584.628, 337.99, 3.40, 1.45
** 403029.048, 3781578.519, 322.33, 3.40, 1.45
** 403027.274, 3781515.714, 316.34, 3.40, 1.45
** 403021.951, 3781456.813, 311.15, 3.40, 1.45
** 402997.963, 3781104.137, 282.61, 3.40, 1.45
** 402995.564, 3781057.753, 278.67, 3.40, 1.45
** 402961.976, 3780469.164, 245.87, 3.40, 1.45
** 402923.590, 3779883.775, 217.51, 3.40, 1.45
** 402892.401, 3779360.762, 194.26, 3.40, 1.45
** 402893.201, 3779343.968, 193.85, 3.40, 1.45
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LOCATION L0000896      VOLUME      402086.761 3781695.817 347.58
LOCATION L0000897      VOLUME      402088.105 3781693.001 347.10
LOCATION L0000898      VOLUME      402089.448 3781690.185 346.66
LOCATION L0000899      VOLUME      402090.791 3781687.369 346.21
LOCATION L0000900      VOLUME      402092.134 3781684.553 345.79
LOCATION L0000901      VOLUME      402093.477 3781681.737 345.36
LOCATION L0000902      VOLUME      402094.820 3781678.920 344.95
LOCATION L0000903      VOLUME      402096.163 3781676.104 344.55
LOCATION L0000904      VOLUME      402097.506 3781673.288 344.19
LOCATION L0000905      VOLUME      402098.849 3781670.472 343.84
LOCATION L0000906      VOLUME      402100.192 3781667.656 343.54
LOCATION L0000907      VOLUME      402101.535 3781664.840 343.27
LOCATION L0000908      VOLUME      402102.878 3781662.024 342.97
LOCATION L0000909      VOLUME      402104.221 3781659.208 342.65
LOCATION L0000910      VOLUME      402105.564 3781656.391 342.34
LOCATION L0000911      VOLUME      402106.908 3781653.575 342.01
LOCATION L0000912      VOLUME      402108.374 3781650.826 341.64
LOCATION L0000913      VOLUME      402110.006 3781648.167 341.24
LOCATION L0000914      VOLUME      402111.638 3781645.508 340.82
LOCATION L0000915      VOLUME      402113.270 3781642.849 340.41
LOCATION L0000916      VOLUME      402114.901 3781640.189 340.10
LOCATION L0000917      VOLUME      402116.533 3781637.530 339.81
LOCATION L0000918      VOLUME      402118.165 3781634.871 339.54
LOCATION L0000919      VOLUME      402119.797 3781632.212 339.26
LOCATION L0000920      VOLUME      402121.429 3781629.552 338.97
LOCATION L0000921      VOLUME      402123.060 3781626.893 338.70
LOCATION L0000922      VOLUME      402124.692 3781624.234 338.47
LOCATION L0000923      VOLUME      402126.324 3781621.575 338.25
LOCATION L0000924      VOLUME      402127.956 3781618.915 338.01
LOCATION L0000925      VOLUME      402130.255 3781617.189 337.81
LOCATION L0000926      VOLUME      402133.299 3781616.504 337.72
LOCATION L0000927      VOLUME      402136.343 3781615.819 337.62
LOCATION L0000928      VOLUME      402139.387 3781615.135 337.52
LOCATION L0000929      VOLUME      402142.431 3781614.450 337.40
LOCATION L0000930      VOLUME      402145.475 3781613.765 337.26
LOCATION L0000931      VOLUME      402148.518 3781613.080 337.12
LOCATION L0000932      VOLUME      402151.562 3781612.395 336.97
LOCATION L0000933      VOLUME      402154.606 3781611.710 336.86
LOCATION L0000934      VOLUME      402157.650 3781611.025 336.75
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LOCATION L0000936      VOLUME      402163.828 3781610.466 336.53
LOCATION L0000937      VOLUME      402166.948 3781610.466 336.44
LOCATION L0000938      VOLUME      402170.068 3781610.466 336.33
LOCATION L0000939      VOLUME      402173.188 3781610.466 336.23
LOCATION L0000940      VOLUME      402176.308 3781610.466 336.12
LOCATION L0000941      VOLUME      402179.428 3781610.466 336.00
LOCATION L0000942      VOLUME      402182.548 3781610.466 335.88
LOCATION L0000943      VOLUME      402185.668 3781610.466 335.77
LOCATION L0000944      VOLUME      402188.788 3781610.466 335.67
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LOCATION L0000947      VOLUME      402198.148 3781610.466 335.41
LOCATION L0000948      VOLUME      402201.268 3781610.466 335.31
LOCATION L0000949      VOLUME      402204.388 3781610.466 335.20
LOCATION L0000950      VOLUME      402207.508 3781610.466 335.09
LOCATION L0000951      VOLUME      402210.628 3781610.466 334.95
LOCATION L0000952      VOLUME      402213.748 3781610.466 334.81
LOCATION L0000953      VOLUME      402216.868 3781610.466 334.68
LOCATION L0000954      VOLUME      402219.988 3781610.466 334.58
LOCATION L0000955      VOLUME      402223.108 3781610.466 334.48
LOCATION L0000956      VOLUME      402226.168 3781609.993 334.36
LOCATION L0000957      VOLUME      402229.188 3781609.212 334.24
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LOCATION L0000960      VOLUME      402238.250 3781606.868 334.03
LOCATION L0000961      VOLUME      402241.271 3781606.087 334.00
LOCATION L0000962      VOLUME      402244.292 3781605.306 333.96
LOCATION L0000963      VOLUME      402247.312 3781604.525 333.86
LOCATION L0000964      VOLUME      402250.333 3781603.744 333.70
LOCATION L0000965      VOLUME      402253.353 3781602.963 333.49
LOCATION L0000966      VOLUME      402256.374 3781602.181 333.26
LOCATION L0000967      VOLUME      402259.395 3781601.400 333.01
LOCATION L0000968      VOLUME      402262.415 3781600.619 332.78
LOCATION L0000969      VOLUME      402265.436 3781599.838 332.62
LOCATION L0000970      VOLUME      402268.457 3781599.057 332.52
LOCATION L0000971      VOLUME      402271.454 3781598.195 332.46
LOCATION L0000972      VOLUME      402274.435 3781597.272 332.38
LOCATION L0000973      VOLUME      402277.415 3781596.350 332.27
LOCATION L0000974      VOLUME      402280.396 3781595.427 332.13
LOCATION L0000975      VOLUME      402283.376 3781594.505 331.98
LOCATION L0000976      VOLUME      402286.357 3781593.582 331.84
LOCATION L0000977      VOLUME      402289.337 3781592.659 331.71
LOCATION L0000978      VOLUME      402292.318 3781591.737 331.58
LOCATION L0000979      VOLUME      402295.298 3781590.814 331.55
LOCATION L0000980      VOLUME      402298.279 3781589.892 331.47
LOCATION L0000981      VOLUME      402301.259 3781588.969 331.44
LOCATION L0000982      VOLUME      402304.313 3781588.465 331.97
LOCATION L0000983      VOLUME      402307.429 3781588.320 332.53
LOCATION L0000984      VOLUME      402310.546 3781588.175 333.01
LOCATION L0000985      VOLUME      402313.663 3781588.030 333.32
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LOCATION L0000987      VOLUME      402319.896 3781587.740 333.81
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LOCATION L0000990      VOLUME      402329.246 3781587.305 334.06
LOCATION L0000991      VOLUME      402332.362 3781587.160 334.16
LOCATION L0000992      VOLUME      402335.479 3781587.015 334.21
LOCATION L0000993      VOLUME      402338.598 3781586.964 333.53
LOCATION L0000994      VOLUME      402341.718 3781586.946 332.85
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LOCATION L0000996      VOLUME      402347.958 3781586.912 332.56
LOCATION L0000997      VOLUME      402351.078 3781586.894 332.69
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LOCATION L0001000      VOLUME      402360.438 3781586.842 332.90
LOCATION L0001001      VOLUME      402363.558 3781586.825 332.90
LOCATION L0001002      VOLUME      402366.678 3781586.808 332.90
LOCATION L0001003      VOLUME      402369.798 3781586.790 332.93
LOCATION L0001004      VOLUME      402372.918 3781586.773 333.13
LOCATION L0001005      VOLUME      402376.038 3781586.755 333.34
LOCATION L0001006      VOLUME      402379.158 3781586.738 333.50
LOCATION L0001007      VOLUME      402382.277 3781586.721 333.59
LOCATION L0001008      VOLUME      402385.397 3781586.703 333.67
LOCATION L0001009      VOLUME      402388.517 3781586.686 333.77
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LOCATION L0001011      VOLUME      402394.757 3781586.651 333.97
LOCATION L0001012      VOLUME      402397.877 3781586.634 334.14
LOCATION L0001013      VOLUME      402400.997 3781586.617 334.32
LOCATION L0001014      VOLUME      402404.117 3781586.599 334.49
LOCATION L0001015      VOLUME      402407.237 3781586.582 334.58
LOCATION L0001016      VOLUME      402410.357 3781586.564 334.68
LOCATION L0001017      VOLUME      402413.477 3781586.547 334.75
LOCATION L0001018      VOLUME      402416.597 3781586.530 334.78
LOCATION L0001019      VOLUME      402419.717 3781586.512 334.82
LOCATION L0001020      VOLUME      402422.837 3781586.495 334.83
LOCATION L0001021      VOLUME      402425.957 3781586.478 334.84
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LOCATION L0001026      VOLUME      402441.557 3781586.391 335.31
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LOCATION L0001038      VOLUME      402478.996 3781586.182 337.49
LOCATION L0001039      VOLUME      402482.116 3781586.165 337.88
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LOCATION L0001089    VOLUME    402638.114 3781585.297 344.39
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LOCATION L0001094    VOLUME    402653.713 3781585.210 343.41
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LOCATION L0001144      VOLUME      402809.699 3781583.469 334.54
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LOCATION L0001148      VOLUME      402822.175 3781583.187 333.72
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LOCATION L0001150      VOLUME      402828.414 3781583.046 333.34
LOCATION L0001151      VOLUME      402831.533 3781582.976 333.13
LOCATION L0001152      VOLUME      402834.652 3781582.906 332.90
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LOCATION L0001156      VOLUME      402847.129 3781582.624 331.79
LOCATION L0001157      VOLUME      402850.248 3781582.554 331.60
LOCATION L0001158      VOLUME      402853.367 3781582.483 331.41
LOCATION L0001159      VOLUME      402856.487 3781582.413 331.22
LOCATION L0001160      VOLUME      402859.606 3781582.343 331.01
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LOCATION L0001162      VOLUME      402865.844 3781582.202 330.57
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LOCATION L0001165      VOLUME      402875.202 3781581.991 329.85
LOCATION L0001166      VOLUME      402878.321 3781581.920 329.63
LOCATION L0001167      VOLUME      402881.440 3781581.850 329.40
LOCATION L0001168      VOLUME      402884.560 3781581.780 329.18
LOCATION L0001169      VOLUME      402887.679 3781581.709 328.96
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LOCATION L0001172      VOLUME      402897.036 3781581.498 328.29
LOCATION L0001173      VOLUME      402900.156 3781581.428 328.04
LOCATION L0001174      VOLUME      402903.275 3781581.357 327.76
LOCATION L0001175      VOLUME      402906.394 3781581.287 327.49
LOCATION L0001176      VOLUME      402909.513 3781581.216 327.27
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LOCATION L0001834      VOLUME      402909.583 3779648.899 206.91
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LOCATION L0001844      VOLUME      402907.726 3779617.754 205.51
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LOCATION  L0001862      VOLUME      402904.383 3779561.694 203.01
LOCATION  L0001863      VOLUME      402904.197 3779558.579 202.87
LOCATION  L0001864      VOLUME      402904.012 3779555.465 202.74
LOCATION  L0001865      VOLUME      402903.826 3779552.350 202.61
LOCATION  L0001866      VOLUME      402903.640 3779549.236 202.48
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   LOCATION L0001917      VOLUME     402894.168 3779390.398 195.41
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   LOCATION L0001919      VOLUME     402893.797 3779384.169 195.15
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   LOCATION L0001923      VOLUME     402893.054 3779371.711 194.66
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   LOCATION L0001925      VOLUME     402892.682 3779365.482 194.40
   LOCATION L0001926      VOLUME     402892.497 3779362.368 194.30
   LOCATION L0001927      VOLUME     402892.473 3779359.252 194.20
   LOCATION L0001928      VOLUME     402892.621 3779356.136 194.10
   LOCATION L0001929      VOLUME     402892.770 3779353.019 194.02
   LOCATION L0001930      VOLUME     402892.918 3779349.903 193.95
   LOCATION L0001931      VOLUME     402893.067 3779346.786 193.88
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** Source Parameters **
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SRCPARAM L0001771    0.0009633911    3.40    1.45    1.47
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SRCPARAM L0001821    0.0009633911    3.40    1.45    1.47
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SRCGROUP Truck      L0000918 L0000919 L0000920 L0000921 L0000922 L0000923
SRCGROUP Truck      L0000924 L0000925 L0000926 L0000927 L0000928 L0000929
SRCGROUP Truck      L0000930 L0000931 L0000932 L0000933 L0000934 L0000935
SRCGROUP Truck      L0000936 L0000937 L0000938 L0000939 L0000940 L0000941
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SRCGROUP  Truck        L0000960 L0000961 L0000962 L0000963 L0000964 L0000965
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SRCGROUP  Truck        L0000972 L0000973 L0000974 L0000975 L0000976 L0000977
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SRCGROUP  Truck        L0000990 L0000991 L0000992 L0000993 L0000994 L0000995
SRCGROUP  Truck        L0000996 L0000997 L0000998 L0000999 L0001000 L0001001
SRCGROUP  Truck        L0001002 L0001003 L0001004 L0001005 L0001006 L0001007
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SRCGROUP  Truck        L0001110 L0001111 L0001112 L0001113 L0001114 L0001115
SRCGROUP  Truck        L0001116 L0001117 L0001118 L0001119 L0001120 L0001121
SRCGROUP  Truck        L0001122 L0001123 L0001124 L0001125 L0001126 L0001127
SRCGROUP  Truck        L0001128 L0001129 L0001130 L0001131 L0001132 L0001133
SRCGROUP  Truck        L0001134 L0001135 L0001136 L0001137 L0001138 L0001139
SRCGROUP  Truck        L0001140 L0001141 L0001142 L0001143 L0001144 L0001145
SRCGROUP  Truck        L0001146 L0001147 L0001148 L0001149 L0001150 L0001151
SRCGROUP  Truck        L0001152 L0001153 L0001154 L0001155 L0001156 L0001157
SRCGROUP  Truck        L0001158 L0001159 L0001160 L0001161 L0001162 L0001163
SRCGROUP  Truck        L0001164 L0001165 L0001166 L0001167 L0001168 L0001169
SRCGROUP  Truck        L0001170 L0001171 L0001172 L0001173 L0001174 L0001175
SRCGROUP  Truck        L0001176 L0001177 L0001178 L0001179 L0001180 L0001181
SRCGROUP  Truck        L0001182 L0001183 L0001184 L0001185 L0001186 L0001187
SRCGROUP  Truck        L0001188 L0001189 L0001190 L0001191 L0001192 L0001193
SRCGROUP  Truck        L0001194 L0001195 L0001196 L0001197 L0001198 L0001199
SRCGROUP  Truck        L0001200 L0001201 L0001202 L0001203 L0001204 L0001205
SRCGROUP  Truck        L0001206 L0001207 L0001208 L0001209 L0001210 L0001211
SRCGROUP  Truck        L0001212 L0001213 L0001214 L0001215 L0001216 L0001217
SRCGROUP  Truck        L0001218 L0001219 L0001220 L0001221 L0001222 L0001223
SRCGROUP  Truck        L0001224 L0001225 L0001226 L0001227 L0001228 L0001229
SRCGROUP  Truck        L0001230 L0001231 L0001232 L0001233 L0001234 L0001235
SRCGROUP  Truck        L0001236 L0001237 L0001238 L0001239 L0001240 L0001241
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SRCGROUP  Truck       L0001242 L0001243 L0001244 L0001245 L0001246 L0001247
SRCGROUP  Truck       L0001248 L0001249 L0001250 L0001251 L0001252 L0001253
SRCGROUP  Truck       L0001254 L0001255 L0001256 L0001257 L0001258 L0001259
SRCGROUP  Truck       L0001260 L0001261 L0001262 L0001263 L0001264 L0001265
SRCGROUP  Truck       L0001266 L0001267 L0001268 L0001269 L0001270 L0001271
SRCGROUP  Truck       L0001272 L0001273 L0001274 L0001275 L0001276 L0001277
SRCGROUP  Truck       L0001278 L0001279 L0001280 L0001281 L0001282 L0001283
SRCGROUP  Truck       L0001284 L0001285 L0001286 L0001287 L0001288 L0001289
SRCGROUP  Truck       L0001290 L0001291 L0001292 L0001293 L0001294 L0001295
SRCGROUP  Truck       L0001296 L0001297 L0001298 L0001299 L0001300 L0001301
SRCGROUP  Truck       L0001302 L0001303 L0001304 L0001305 L0001306 L0001307
SRCGROUP  Truck       L0001308 L0001309 L0001310 L0001311 L0001312 L0001313
SRCGROUP  Truck       L0001314 L0001315 L0001316 L0001317 L0001318 L0001319
SRCGROUP  Truck       L0001320 L0001321 L0001322 L0001323 L0001324 L0001325
SRCGROUP  Truck       L0001326 L0001327 L0001328 L0001329 L0001330 L0001331
SRCGROUP  Truck       L0001332 L0001333 L0001334 L0001335 L0001336 L0001337
SRCGROUP  Truck       L0001338 L0001339 L0001340 L0001341 L0001342 L0001343
SRCGROUP  Truck       L0001344 L0001345 L0001346 L0001347 L0001348 L0001349
SRCGROUP  Truck       L0001350 L0001351 L0001352 L0001353 L0001354 L0001355
SRCGROUP  Truck       L0001356 L0001357 L0001358 L0001359 L0001360 L0001361
SRCGROUP  Truck       L0001362 L0001363 L0001364 L0001365 L0001366 L0001367
SRCGROUP  Truck       L0001368 L0001369 L0001370 L0001371 L0001372 L0001373
SRCGROUP  Truck       L0001374 L0001375 L0001376 L0001377 L0001378 L0001379
SRCGROUP  Truck       L0001380 L0001381 L0001382 L0001383 L0001384 L0001385
SRCGROUP  Truck       L0001386 L0001387 L0001388 L0001389 L0001390 L0001391
SRCGROUP  Truck       L0001392 L0001393 L0001394 L0001395 L0001396 L0001397
SRCGROUP  Truck       L0001398 L0001399 L0001400 L0001401 L0001402 L0001403
SRCGROUP  Truck       L0001404 L0001405 L0001406 L0001407 L0001408 L0001409
SRCGROUP  Truck       L0001410 L0001411 L0001412 L0001413 L0001414 L0001415
SRCGROUP  Truck       L0001416 L0001417 L0001418 L0001419 L0001420 L0001421
SRCGROUP  Truck       L0001422 L0001423 L0001424 L0001425 L0001426 L0001427
SRCGROUP  Truck       L0001428 L0001429 L0001430 L0001431 L0001432 L0001433
SRCGROUP  Truck       L0001434 L0001435 L0001436 L0001437 L0001438 L0001439
SRCGROUP  Truck       L0001440 L0001441 L0001442 L0001443 L0001444 L0001445
SRCGROUP  Truck       L0001446 L0001447 L0001448 L0001449 L0001450 L0001451
SRCGROUP  Truck       L0001452 L0001453 L0001454 L0001455 L0001456 L0001457
SRCGROUP  Truck       L0001458 L0001459 L0001460 L0001461 L0001462 L0001463
SRCGROUP  Truck       L0001464 L0001465 L0001466 L0001467 L0001468 L0001469
SRCGROUP  Truck       L0001470 L0001471 L0001472 L0001473 L0001474 L0001475
SRCGROUP  Truck       L0001476 L0001477 L0001478 L0001479 L0001480 L0001481
SRCGROUP  Truck       L0001482 L0001483 L0001484 L0001485 L0001486 L0001487
SRCGROUP  Truck       L0001488 L0001489 L0001490 L0001491 L0001492 L0001493
SRCGROUP  Truck       L0001494 L0001495 L0001496 L0001497 L0001498 L0001499
SRCGROUP  Truck       L0001500 L0001501 L0001502 L0001503 L0001504 L0001505
SRCGROUP  Truck       L0001506 L0001507 L0001508 L0001509 L0001510 L0001511
SRCGROUP  Truck       L0001512 L0001513 L0001514 L0001515 L0001516 L0001517
SRCGROUP  Truck       L0001518 L0001519 L0001520 L0001521 L0001522 L0001523
SRCGROUP  Truck       L0001524 L0001525 L0001526 L0001527 L0001528 L0001529
SRCGROUP  Truck       L0001530 L0001531 L0001532 L0001533 L0001534 L0001535
SRCGROUP  Truck       L0001536 L0001537 L0001538 L0001539 L0001540 L0001541
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SRCGROUP  Truck      L0001542 L0001543 L0001544 L0001545 L0001546 L0001547
SRCGROUP  Truck      L0001548 L0001549 L0001550 L0001551 L0001552 L0001553
SRCGROUP  Truck      L0001554 L0001555 L0001556 L0001557 L0001558 L0001559
SRCGROUP  Truck      L0001560 L0001561 L0001562 L0001563 L0001564 L0001565
SRCGROUP  Truck      L0001566 L0001567 L0001568 L0001569 L0001570 L0001571
SRCGROUP  Truck      L0001572 L0001573 L0001574 L0001575 L0001576 L0001577
SRCGROUP  Truck      L0001578 L0001579 L0001580 L0001581 L0001582 L0001583
SRCGROUP  Truck      L0001584 L0001585 L0001586 L0001587 L0001588 L0001589
SRCGROUP  Truck      L0001590 L0001591 L0001592 L0001593 L0001594 L0001595
SRCGROUP  Truck      L0001596 L0001597 L0001598 L0001599 L0001600 L0001601
SRCGROUP  Truck      L0001602 L0001603 L0001604 L0001605 L0001606 L0001607
SRCGROUP  Truck      L0001608 L0001609 L0001610 L0001611 L0001612 L0001613
SRCGROUP  Truck      L0001614 L0001615 L0001616 L0001617 L0001618 L0001619
SRCGROUP  Truck      L0001620 L0001621 L0001622 L0001623 L0001624 L0001625
SRCGROUP  Truck      L0001626 L0001627 L0001628 L0001629 L0001630 L0001631
SRCGROUP  Truck      L0001632 L0001633 L0001634 L0001635 L0001636 L0001637
SRCGROUP  Truck      L0001638 L0001639 L0001640 L0001641 L0001642 L0001643
SRCGROUP  Truck      L0001644 L0001645 L0001646 L0001647 L0001648 L0001649
SRCGROUP  Truck      L0001650 L0001651 L0001652 L0001653 L0001654 L0001655
SRCGROUP  Truck      L0001656 L0001657 L0001658 L0001659 L0001660 L0001661
SRCGROUP  Truck      L0001662 L0001663 L0001664 L0001665 L0001666 L0001667
SRCGROUP  Truck      L0001668 L0001669 L0001670 L0001671 L0001672 L0001673
SRCGROUP  Truck      L0001674 L0001675 L0001676 L0001677 L0001678 L0001679
SRCGROUP  Truck      L0001680 L0001681 L0001682 L0001683 L0001684 L0001685
SRCGROUP  Truck      L0001686 L0001687 L0001688 L0001689 L0001690 L0001691
SRCGROUP  Truck      L0001692 L0001693 L0001694 L0001695 L0001696 L0001697
SRCGROUP  Truck      L0001698 L0001699 L0001700 L0001701 L0001702 L0001703
SRCGROUP  Truck      L0001704 L0001705 L0001706 L0001707 L0001708 L0001709
SRCGROUP  Truck      L0001710 L0001711 L0001712 L0001713 L0001714 L0001715
SRCGROUP  Truck      L0001716 L0001717 L0001718 L0001719 L0001720 L0001721
SRCGROUP  Truck      L0001722 L0001723 L0001724 L0001725 L0001726 L0001727
SRCGROUP  Truck      L0001728 L0001729 L0001730 L0001731 L0001732 L0001733
SRCGROUP  Truck      L0001734 L0001735 L0001736 L0001737 L0001738 L0001739
SRCGROUP  Truck      L0001740 L0001741 L0001742 L0001743 L0001744 L0001745
SRCGROUP  Truck      L0001746 L0001747 L0001748 L0001749 L0001750 L0001751
SRCGROUP  Truck      L0001752 L0001753 L0001754 L0001755 L0001756 L0001757
SRCGROUP  Truck      L0001758 L0001759 L0001760 L0001761 L0001762 L0001763
SRCGROUP  Truck      L0001764 L0001765 L0001766 L0001767 L0001768 L0001769
SRCGROUP  Truck      L0001770 L0001771 L0001772 L0001773 L0001774 L0001775
SRCGROUP  Truck      L0001776 L0001777 L0001778 L0001779 L0001780 L0001781
SRCGROUP  Truck      L0001782 L0001783 L0001784 L0001785 L0001786 L0001787
SRCGROUP  Truck      L0001788 L0001789 L0001790 L0001791 L0001792 L0001793
SRCGROUP  Truck      L0001794 L0001795 L0001796 L0001797 L0001798 L0001799
SRCGROUP  Truck      L0001800 L0001801 L0001802 L0001803 L0001804 L0001805
SRCGROUP  Truck      L0001806 L0001807 L0001808 L0001809 L0001810 L0001811
SRCGROUP  Truck      L0001812 L0001813 L0001814 L0001815 L0001816 L0001817
SRCGROUP  Truck      L0001818 L0001819 L0001820 L0001821 L0001822 L0001823
SRCGROUP  Truck      L0001824 L0001825 L0001826 L0001827 L0001828 L0001829
SRCGROUP  Truck      L0001830 L0001831 L0001832 L0001833 L0001834 L0001835
SRCGROUP  Truck      L0001836 L0001837 L0001838 L0001839 L0001840 L0001841
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    SRCGROUP Truck      L0001842 L0001843 L0001844 L0001845 L0001846 L0001847
    SRCGROUP Truck      L0001848 L0001849 L0001850 L0001851 L0001852 L0001853
    SRCGROUP Truck      L0001854 L0001855 L0001856 L0001857 L0001858 L0001859
    SRCGROUP Truck      L0001860 L0001861 L0001862 L0001863 L0001864 L0001865
    SRCGROUP Truck      L0001866 L0001867 L0001868 L0001869 L0001870 L0001871
    SRCGROUP Truck      L0001872 L0001873 L0001874 L0001875 L0001876 L0001877
    SRCGROUP Truck      L0001878 L0001879 L0001880 L0001881 L0001882 L0001883
    SRCGROUP Truck      L0001884 L0001885 L0001886 L0001887 L0001888 L0001889
    SRCGROUP Truck      L0001890 L0001891 L0001892 L0001893 L0001894 L0001895
    SRCGROUP Truck      L0001896 L0001897 L0001898 L0001899 L0001900 L0001901
    SRCGROUP Truck      L0001902 L0001903 L0001904 L0001905 L0001906 L0001907
    SRCGROUP Truck      L0001908 L0001909 L0001910 L0001911 L0001912 L0001913
    SRCGROUP Truck      L0001914 L0001915 L0001916 L0001917 L0001918 L0001919
    SRCGROUP Truck      L0001920 L0001921 L0001922 L0001923 L0001924 L0001925
    SRCGROUP Truck      L0001926 L0001927 L0001928 L0001929 L0001930 L0001931
    SRCGROUP ALL
SO FINISHED
**
*************************************
** AERMOD Receptor Pathway
*************************************
**
**
RE STARTING
    INCLUDED "Meadows at Sierra Madre.rou"
RE FINISHED
**
*************************************
** AERMOD Meteorology Pathway
*************************************
**
**
ME STARTING
    SURFFILE ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.SFC
    PROFFILE ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.PFL
    SURFDATA 3179 2012
    UAIRDATA 3190 2012
    SITEDATA 99999 2012
    PROFBASE 182.0 METERS
ME FINISHED
**
*************************************
** AERMOD Output Pathway
*************************************
**
**
OU STARTING
    RECTABLE ALLAVE 1ST
    RECTABLE 1 1ST
** Auto-Generated Plotfiles
```

```
    PLOTFILE 1 ALL 1ST "Meadows at Sierra Madre.AD\01H1GALL.PLT" 31
    PLOTFILE 1 Equip 1ST "Meadows at Sierra Madre.AD\01H1G001.PLT" 32
    PLOTFILE 1 Truck 1ST "Meadows at Sierra Madre.AD\01H1G002.PLT" 33
    PLOTFILE PERIOD ALL "Meadows at Sierra Madre.AD\PE00GALL.PLT" 34
    PLOTFILE PERIOD Equip "Meadows at Sierra Madre.AD\PE00G001.PLT" 35
    PLOTFILE PERIOD Truck "Meadows at Sierra Madre.AD\PE00G002.PLT" 36
    SUMMFILE "Meadows at Sierra Madre.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of           0 Fatal Error Message(s)
 A Total of           2 Warning Message(s)
 A Total of           0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
              ***   NONE   ***


    ********   WARNING MESSAGES   ********
 ME W186    3438       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    3438       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***    ***
                       ***          05:36:20


                              PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                       ***    MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -


 **Model Is Setup For Calculation of Average CONCentration Values.

    -- DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
```

```
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for  1518 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
         ADJ_U*   - Use ADJ_U* option for SBL in AERMET
         TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:   1518 Source(s);      3 Source Group(s); and    4009
Receptor(s)

                 with:      0 POINT(s), including
                            0 POINTCAP(s) and      0 POINTHOR(s)
                  and:   1518 VOLUME source(s)
                  and:      0 AREA type source(s)
                  and:      0 LINE source(s)
                  and:      0 RLINE/RLINEXT source(s)
                  and:      0 OPENPIT source(s)
                  and:      0 BUOYANT LINE source(s) with     0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
```

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   182.00 ; Decay
Coef. =   0.000   ; Rot. Angle =   0.0
                 Emission Units = GRAMS/SEC   ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =   5.0 MB of RAM.

 **Input Runstream File: aermod.inp

 **Output Print File: aermod.out

 **Detailed Error/Message File: Meadows at Sierra Madre.err

 **File for Summary of Results: Meadows at Sierra Madre.sum

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                             PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** VOLUME SOURCE DATA ***

            NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- - - - - - - - - - - - - - - - - -

 L0000001   0   0.20833E-02 401802.4 3781868.8   368.4   2.50   4.00
2.33   YES
 L0000002   0   0.20833E-02 401802.5 3781860.2   367.6   2.50   4.00
2.33   YES
 L0000003   0   0.20833E-02 401802.7 3781851.6   366.3   2.50   4.00

```
2.33      YES
  L0000004        0   0.20833E-02   401802.8 3781843.0   364.5   2.50     4.00
2.33      YES
  L0000005        0   0.20833E-02   401803.0 3781834.4   363.1   2.50     4.00
2.33      YES
  L0000006        0   0.20833E-02   401803.1 3781825.8   361.9   2.50     4.00
2.33      YES
  L0000007        0   0.20833E-02   401803.3 3781817.2   360.8   2.50     4.00
2.33      YES
  L0000008        0   0.20833E-02   401803.4 3781808.6   359.8   2.50     4.00
2.33      YES
  L0000009        0   0.20833E-02   401803.6 3781800.0   358.8   2.50     4.00
2.33      YES
  L0000010        0   0.20833E-02   401803.8 3781791.4   357.9   2.50     4.00
2.33      YES
  L0000011        0   0.20833E-02   401803.9 3781782.8   357.0   2.50     4.00
2.33      YES
  L0000012        0   0.20833E-02   401804.1 3781774.2   356.1   2.50     4.00
2.33      YES
  L0000013        0   0.20833E-02   401804.2 3781765.6   355.2   2.50     4.00
2.33      YES
  L0000014        0   0.20833E-02   401804.4 3781757.0   354.3   2.50     4.00
2.33      YES
  L0000015        0   0.20833E-02   401804.5 3781748.4   353.4   2.50     4.00
2.33      YES
  L0000016        0   0.20833E-02   401804.7 3781739.8   352.5   2.50     4.00
2.33      YES
  L0000017        0   0.20833E-02   401804.9 3781731.2   351.6   2.50     4.00
2.33      YES
  L0000018        0   0.20833E-02   401805.0 3781722.6   350.7   2.50     4.00
2.33      YES
  L0000019        0   0.20833E-02   401805.2 3781714.0   349.8   2.50     4.00
2.33      YES
  L0000020        0   0.20833E-02   401805.3 3781705.4   348.9   2.50     4.00
2.33      YES
  L0000021        0   0.20833E-02   401805.5 3781696.8   348.1   2.50     4.00
2.33      YES
  L0000022        0   0.20833E-02   401805.6 3781688.2   347.2   2.50     4.00
2.33      YES
  L0000023        0   0.20833E-02   401805.8 3781679.6   346.4   2.50     4.00
2.33      YES
  L0000024        0   0.20833E-02   401805.9 3781671.0   345.6   2.50     4.00
2.33      YES
  L0000025        0   0.20833E-02   401806.1 3781662.4   344.5   2.50     4.00
2.33      YES
  L0000026        0   0.20833E-02   401806.3 3781653.8   343.6   2.50     4.00
2.33      YES
  L0000027        0   0.20833E-02   401806.4 3781645.2   343.2   2.50     4.00
2.33      YES
  L0000028        0   0.20833E-02   401806.6 3781636.6   342.5   2.50     4.00
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2.33     YES
 L0000029         0   0.20833E-02  401806.7 3781628.0   341.9    2.50    4.00
2.33     YES
 L0000030         0   0.20833E-02  401813.0 3781625.6   341.6    2.50    4.00
2.33     YES
 L0000031         0   0.20833E-02  401821.6 3781625.6   341.5    2.50    4.00
2.33     YES
 L0000032         0   0.20833E-02  401830.2 3781625.6   341.4    2.50    4.00
2.33     YES
 L0000033         0   0.20833E-02  401838.8 3781625.5   341.1    2.50    4.00
2.33     YES
 L0000034         0   0.20833E-02  401847.4 3781625.5   340.5    2.50    4.00
2.33     YES
 L0000035         0   0.20833E-02  401856.0 3781625.5   340.6    2.50    4.00
2.33     YES
 L0000036         0   0.20833E-02  401864.6 3781625.4   340.6    2.50    4.00
2.33     YES
 L0000037         0   0.20833E-02  401873.2 3781625.4   340.6    2.50    4.00
2.33     YES
 L0000038         0   0.20833E-02  401881.8 3781625.4   340.3    2.50    4.00
2.33     YES
 L0000039         0   0.20833E-02  401890.4 3781625.3   340.2    2.50    4.00
2.33     YES
 L0000040         0   0.20833E-02  401899.0 3781625.3   340.0    2.50    4.00
2.33     YES
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                                PAGE   3
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

             NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
    ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- - - - - - - - - - - - - - - - - - -

 L0000041   0   0.20833E-02 401907.6 3781625.3   339.8   2.50   4.00
2.33   YES
 L0000042   0   0.20833E-02 401916.2 3781625.2   339.8   2.50   4.00
2.33   YES
 L0000043   0   0.20833E-02 401924.8 3781625.2   339.7   2.50   4.00

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2.33     YES
 L0000044        0   0.20833E-02   401933.4 3781625.2    339.6    2.50    4.00
2.33     YES
 L0000045        0   0.20833E-02   401942.0 3781625.1    339.5    2.50    4.00
2.33     YES
 L0000046        0   0.20833E-02   401950.6 3781625.1    339.5    2.50    4.00
2.33     YES
 L0000047        0   0.20833E-02   401959.2 3781625.1    339.5    2.50    4.00
2.33     YES
 L0000048        0   0.20833E-02   401967.8 3781625.0    339.5    2.50    4.00
2.33     YES
 L0000049        0   0.20833E-02   401976.4 3781625.0    339.6    2.50    4.00
2.33     YES
 L0000050        0   0.20833E-02   401985.0 3781625.0    339.7    2.50    4.00
2.33     YES
 L0000051        0   0.20833E-02   401993.6 3781624.9    339.8    2.50    4.00
2.33     YES
 L0000052        0   0.20833E-02   402002.2 3781624.9    340.0    2.50    4.00
2.33     YES
 L0000053        0   0.20833E-02   402010.8 3781624.8    340.1    2.50    4.00
2.33     YES
 L0000054        0   0.20833E-02   402019.4 3781624.8    339.9    2.50    4.00
2.33     YES
 L0000055        0   0.20833E-02   402028.0 3781624.8    339.9    2.50    4.00
2.33     YES
 L0000056        0   0.20833E-02   402036.6 3781624.7    339.8    2.50    4.00
2.33     YES
 L0000057        0   0.20833E-02   402045.2 3781624.7    339.7    2.50    4.00
2.33     YES
 L0000058        0   0.20833E-02   402053.8 3781624.7    339.8    2.50    4.00
2.33     YES
 L0000059        0   0.20833E-02   402062.4 3781624.6    339.8    2.50    4.00
2.33     YES
 L0000060        0   0.20833E-02   402071.0 3781624.6    339.8    2.50    4.00
2.33     YES
 L0000061        0   0.20833E-02   402079.6 3781624.6    339.7    2.50    4.00
2.33     YES
 L0000062        0   0.20833E-02   402088.2 3781624.5    339.6    2.50    4.00
2.33     YES
 L0000063        0   0.20833E-02   402092.6 3781627.6    339.7    2.50    4.00
2.33     YES
 L0000064        0   0.20833E-02   402089.8 3781635.7    340.6    2.50    4.00
2.33     YES
 L0000065        0   0.20833E-02   402087.1 3781643.8    341.5    2.50    4.00
2.33     YES
 L0000066        0   0.20833E-02   402084.3 3781652.0    342.4    2.50    4.00
2.33     YES
 L0000067        0   0.20833E-02   402081.5 3781660.1    343.4    2.50    4.00
2.33     YES
 L0000068        0   0.20833E-02   402078.8 3781668.3    344.3    2.50    4.00
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2.33    YES
 L0000069       0  0.20833E-02  402076.0 3781676.4  345.3   2.50    4.00
2.33    YES
 L0000070       0  0.20833E-02  402073.3 3781684.6  346.4   2.50    4.00
2.33    YES
 L0000071       0  0.20833E-02  402070.5 3781692.7  347.4   2.50    4.00
2.33    YES
 L0000072       0  0.20833E-02  402067.8 3781700.9  348.7   2.50    4.00
2.33    YES
 L0000073       0  0.20833E-02  402065.0 3781709.0  349.6   2.50    4.00
2.33    YES
 L0000074       0  0.20833E-02  402062.3 3781717.2  350.3   2.50    4.00
2.33    YES
 L0000075       0  0.20833E-02  402059.5 3781725.3  351.2   2.50    4.00
2.33    YES
 L0000076       0  0.20833E-02  402056.8 3781733.5  352.3   2.50    4.00
2.33    YES
 L0000077       0  0.20833E-02  402054.0 3781741.6  353.2   2.50    4.00
2.33    YES
 L0000078       0  0.20833E-02  402051.2 3781749.8  354.2   2.50    4.00
2.33    YES
 L0000079       0  0.20833E-02  402048.5 3781757.9  355.1   2.50    4.00
2.33    YES
 L0000080       0  0.20833E-02  402045.7 3781766.1  356.0   2.50    4.00
2.33    YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                                             *** VOLUME SOURCE DATA ***


           NUMBER EMISSION RATE                BASE    RELEASE    INIT.
INIT.  URBAN  EMISSION RATE
   SOURCE      PART.  (GRAMS/SEC)    X      Y     ELEV.   HEIGHT     SY
SZ   SOURCE  SCALAR VARY
    ID        CATS.             (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)          BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 L0000081       0  0.20833E-02  402043.0 3781774.2  357.1   2.50    4.00
2.33    YES
 L0000082       0  0.20833E-02  402040.2 3781782.3  358.1   2.50    4.00
2.33    YES
 L0000083       0  0.20833E-02  402041.8 3781790.8  359.0   2.50    4.00
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2.33     YES
  L0000084          0   0.20833E-02  402043.4 3781799.2   359.9   2.50    4.00
2.33     YES
  L0000085          0   0.20833E-02  402045.1 3781807.7   360.9   2.50    4.00
2.33     YES
  L0000086          0   0.20833E-02  402046.8 3781816.1   362.0   2.50    4.00
2.33     YES
  L0000087          0   0.20833E-02  402042.5 3781819.4   362.4   2.50    4.00
2.33     YES
  L0000088          0   0.20833E-02  402033.9 3781819.1   362.6   2.50    4.00
2.33     YES
  L0000089          0   0.20833E-02  402025.3 3781818.7   362.7   2.50    4.00
2.33     YES
  L0000090          0   0.20833E-02  402016.7 3781818.3   362.9   2.50    4.00
2.33     YES
  L0000091          0   0.20833E-02  402008.2 3781817.9   363.1   2.50    4.00
2.33     YES
  L0000092          0   0.20833E-02  401999.6 3781817.5   363.0   2.50    4.00
2.33     YES
  L0000093          0   0.20833E-02  401991.0 3781817.1   363.0   2.50    4.00
2.33     YES
  L0000094          0   0.20833E-02  401982.4 3781816.8   363.0   2.50    4.00
2.33     YES
  L0000095          0   0.20833E-02  401973.8 3781816.4   363.0   2.50    4.00
2.33     YES
  L0000096          0   0.20833E-02  401965.2 3781816.0   363.1   2.50    4.00
2.33     YES
  L0000097          0   0.20833E-02  401956.6 3781815.6   363.2   2.50    4.00
2.33     YES
  L0000098          0   0.20833E-02  401948.0 3781815.2   362.6   2.50    4.00
2.33     YES
  L0000099          0   0.20833E-02  401939.4 3781814.8   361.7   2.50    4.00
2.33     YES
  L0000100          0   0.20833E-02  401930.8 3781814.5   361.2   2.50    4.00
2.33     YES
  L0000101          0   0.20833E-02  401922.2 3781814.1   361.0   2.50    4.00
2.33     YES
  L0000102          0   0.20833E-02  401913.7 3781813.7   360.9   2.50    4.00
2.33     YES
  L0000103          0   0.20833E-02  401906.7 3781816.8   361.0   2.50    4.00
2.33     YES
  L0000104          0   0.20833E-02  401901.6 3781823.7   361.4   2.50    4.00
2.33     YES
  L0000105          0   0.20833E-02  401896.5 3781830.6   361.9   2.50    4.00
2.33     YES
  L0000106          0   0.20833E-02  401891.5 3781837.6   362.4   2.50    4.00
2.33     YES
  L0000107          0   0.20833E-02  401886.4 3781844.5   363.0   2.50    4.00
2.33     YES
  L0000108          0   0.20833E-02  401881.3 3781851.4   363.6   2.50    4.00
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2.33     YES
 L0000109          0   0.20833E-02  401876.2 3781858.4   364.9    2.50     4.00
2.33     YES
 L0000110          0   0.20833E-02  401871.1 3781865.3   365.8    2.50     4.00
2.33     YES
 L0000111          0   0.20833E-02  401866.0 3781872.2   366.8    2.50     4.00
2.33     YES
 L0000112          0   0.20833E-02  401857.6 3781872.4   367.4    2.50     4.00
2.33     YES
 L0000113          0   0.20833E-02  401849.0 3781872.3   367.7    2.50     4.00
2.33     YES
 L0000114          0   0.20833E-02  401840.4 3781872.2   367.8    2.50     4.00
2.33     YES
 L0000115          0   0.20833E-02  401831.8 3781872.1   367.7    2.50     4.00
2.33     YES
 L0000116          0   0.20833E-02  401823.2 3781872.0   367.7    2.50     4.00
2.33     YES
 L0000117          0   0.20833E-02  401821.4 3781865.2   367.7    2.50     4.00
2.33     YES
 L0000118          0   0.20833E-02  401821.4 3781856.6   366.7    2.50     4.00
2.33     YES
 L0000119          0   0.20833E-02  401821.3 3781848.0   365.1    2.50     4.00
2.33     YES
 L0000120          0   0.20833E-02  401821.3 3781839.4   363.4    2.50     4.00
2.33     YES
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
    ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- - - - - - - - - - - - - - - - - - -

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 L0000121          0   0.20833E-02  401821.3 3781830.8   362.3    2.50     4.00
2.33     YES
 L0000122          0   0.20833E-02  401821.3 3781822.2   361.2    2.50     4.00
2.33     YES
 L0000123          0   0.20833E-02  401821.3 3781813.6   360.2    2.50     4.00
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2.33      YES
  L0000124        0   0.20833E-02   401821.2 3781805.0    359.2     2.50      4.00
2.33      YES
  L0000125        0   0.20833E-02   401821.2 3781796.4    358.2     2.50      4.00
2.33      YES
  L0000126        0   0.20833E-02   401821.2 3781787.8    357.3     2.50      4.00
2.33      YES
  L0000127        0   0.20833E-02   401821.2 3781779.2    356.3     2.50      4.00
2.33      YES
  L0000128        0   0.20833E-02   401821.1 3781770.6    355.4     2.50      4.00
2.33      YES
  L0000129        0   0.20833E-02   401821.1 3781762.0    354.4     2.50      4.00
2.33      YES
  L0000130        0   0.20833E-02   401821.1 3781753.4    353.5     2.50      4.00
2.33      YES
  L0000131        0   0.20833E-02   401821.1 3781744.8    352.6     2.50      4.00
2.33      YES
  L0000132        0   0.20833E-02   401821.1 3781736.2    351.7     2.50      4.00
2.33      YES
  L0000133        0   0.20833E-02   401821.0 3781727.6    350.8     2.50      4.00
2.33      YES
  L0000134        0   0.20833E-02   401821.0 3781719.0    350.0     2.50      4.00
2.33      YES
  L0000135        0   0.20833E-02   401821.0 3781710.4    349.1     2.50      4.00
2.33      YES
  L0000136        0   0.20833E-02   401821.0 3781701.8    348.3     2.50      4.00
2.33      YES
  L0000137        0   0.20833E-02   401821.0 3781693.2    347.5     2.50      4.00
2.33      YES
  L0000138        0   0.20833E-02   401820.9 3781684.6    346.7     2.50      4.00
2.33      YES
  L0000139        0   0.20833E-02   401820.9 3781676.0    345.8     2.50      4.00
2.33      YES
  L0000140        0   0.20833E-02   401820.9 3781667.4    345.0     2.50      4.00
2.33      YES
  L0000141        0   0.20833E-02   401820.9 3781658.8    344.2     2.50      4.00
2.33      YES
  L0000142        0   0.20833E-02   401820.9 3781650.2    343.1     2.50      4.00
2.33      YES
  L0000143        0   0.20833E-02   401820.8 3781641.6    342.5     2.50      4.00
2.33      YES
  L0000144        0   0.20833E-02   401828.7 3781640.8    342.3     2.50      4.00
2.33      YES
  L0000145        0   0.20833E-02   401837.3 3781640.7    342.1     2.50      4.00
2.33      YES
  L0000146        0   0.20833E-02   401845.9 3781640.7    342.2     2.50      4.00
2.33      YES
  L0000147        0   0.20833E-02   401854.5 3781640.6    342.3     2.50      4.00
2.33      YES
  L0000148        0   0.20833E-02   401863.1 3781640.5    342.0     2.50      4.00
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2.33      YES
 L0000149          0   0.20833E-02   401871.7 3781640.5   341.9   2.50     4.00
2.33      YES
 L0000150          0   0.20833E-02   401880.3 3781640.4   341.6   2.50     4.00
2.33      YES
 L0000151          0   0.20833E-02   401888.9 3781640.4   341.2   2.50     4.00
2.33      YES
 L0000152          0   0.20833E-02   401897.5 3781640.3   341.2   2.50     4.00
2.33      YES
 L0000153          0   0.20833E-02   401906.1 3781640.3   341.1   2.50     4.00
2.33      YES
 L0000154          0   0.20833E-02   401914.7 3781640.2   341.0   2.50     4.00
2.33      YES
 L0000155          0   0.20833E-02   401923.3 3781640.1   340.9   2.50     4.00
2.33      YES
 L0000156          0   0.20833E-02   401931.9 3781640.1   340.9   2.50     4.00
2.33      YES
 L0000157          0   0.20833E-02   401940.5 3781640.0   340.9   2.50     4.00
2.33      YES
 L0000158          0   0.20833E-02   401949.1 3781640.0   340.9   2.50     4.00
2.33      YES
 L0000159          0   0.20833E-02   401957.7 3781639.9   340.9   2.50     4.00
2.33      YES
 L0000160          0   0.20833E-02   401966.3 3781639.8   341.1   2.50     4.00
2.33      YES
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                           *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0000161	0	0.20833E-02	401974.9	3781639.8	341.4	2.50	4.00	2.33	YES
L0000162	0	0.20833E-02	401983.5	3781639.7	341.6	2.50	4.00	2.33	YES
L0000163	0	0.20833E-02	401992.1	3781639.7	341.9	2.50	4.00		

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2.33     YES
  L0000164        0  0.20833E-02  402000.7 3781639.6   342.2    2.50    4.00
2.33     YES
  L0000165        0  0.20833E-02  402009.3 3781639.6   342.3    2.50    4.00
2.33     YES
  L0000166        0  0.20833E-02  402017.9 3781639.5   342.3    2.50    4.00
2.33     YES
  L0000167        0  0.20833E-02  402026.5 3781639.4   342.3    2.50    4.00
2.33     YES
  L0000168        0  0.20833E-02  402035.1 3781639.4   342.3    2.50    4.00
2.33     YES
  L0000169        0  0.20833E-02  402043.7 3781639.3   342.2    2.50    4.00
2.33     YES
  L0000170        0  0.20833E-02  402052.3 3781639.3   342.0    2.50    4.00
2.33     YES
  L0000171        0  0.20833E-02  402060.9 3781639.2   341.9    2.50    4.00
2.33     YES
  L0000172        0  0.20833E-02  402068.6 3781639.8   341.8    2.50    4.00
2.33     YES
  L0000173        0  0.20833E-02  402066.1 3781648.0   342.9    2.50    4.00
2.33     YES
  L0000174        0  0.20833E-02  402063.5 3781656.2   344.0    2.50    4.00
2.33     YES
  L0000175        0  0.20833E-02  402061.0 3781664.4   345.1    2.50    4.00
2.33     YES
  L0000176        0  0.20833E-02  402058.4 3781672.6   346.0    2.50    4.00
2.33     YES
  L0000177        0  0.20833E-02  402055.8 3781680.8   346.9    2.50    4.00
2.33     YES
  L0000178        0  0.20833E-02  402053.3 3781689.0   347.9    2.50    4.00
2.33     YES
  L0000179        0  0.20833E-02  402050.7 3781697.2   348.9    2.50    4.00
2.33     YES
  L0000180        0  0.20833E-02  402048.2 3781705.5   349.9    2.50    4.00
2.33     YES
  L0000181        0  0.20833E-02  402045.6 3781713.7   350.8    2.50    4.00
2.33     YES
  L0000182        0  0.20833E-02  402043.0 3781721.9   351.7    2.50    4.00
2.33     YES
  L0000183        0  0.20833E-02  402040.5 3781730.1   352.6    2.50    4.00
2.33     YES
  L0000184        0  0.20833E-02  402037.9 3781738.3   353.5    2.50    4.00
2.33     YES
  L0000185        0  0.20833E-02  402035.4 3781746.5   354.4    2.50    4.00
2.33     YES
  L0000186        0  0.20833E-02  402032.8 3781754.7   355.3    2.50    4.00
2.33     YES
  L0000187        0  0.20833E-02  402030.2 3781762.9   356.2    2.50    4.00
2.33     YES
  L0000188        0  0.20833E-02  402027.7 3781771.1   357.0    2.50    4.00
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2.33     YES
 L0000189        0   0.20833E-02  402025.1 3781779.3   357.9    2.50     4.00
2.33     YES
 L0000190        0   0.20833E-02  402022.8 3781787.6   359.0    2.50     4.00
2.33     YES
 L0000191        0   0.20833E-02  402024.8 3781795.9   359.9    2.50     4.00
2.33     YES
 L0000192        0   0.20833E-02  402026.8 3781804.3   360.8    2.50     4.00
2.33     YES
 L0000193        0   0.20833E-02  402020.6 3781805.7   361.0    2.50     4.00
2.33     YES
 L0000194        0   0.20833E-02  402012.0 3781805.2   361.2    2.50     4.00
2.33     YES
 L0000195        0   0.20833E-02  402003.4 3781804.6   361.3    2.50     4.00
2.33     YES
 L0000196        0   0.20833E-02  401994.8 3781804.0   361.4    2.50     4.00
2.33     YES
 L0000197        0   0.20833E-02  401986.2 3781803.4   361.4    2.50     4.00
2.33     YES
 L0000198        0   0.20833E-02  401977.6 3781802.9   361.4    2.50     4.00
2.33     YES
 L0000199        0   0.20833E-02  401969.1 3781802.3   361.3    2.50     4.00
2.33     YES
 L0000200        0   0.20833E-02  401960.5 3781801.7   361.3    2.50     4.00
2.33     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                               PAGE   7
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000201	0	0.20833E-02	401951.9	3781801.1	361.1	2.50	4.00	2.33	YES	
L0000202	0	0.20833E-02	401943.3	3781800.6	360.6	2.50	4.00	2.33	YES	
L0000203	0	0.20833E-02	401934.7	3781800.0	360.2	2.50	4.00			

```
2.33     YES
  L0000204        0   0.20833E-02   401926.2 3781799.4    360.0    2.50    4.00
2.33     YES
  L0000205        0   0.20833E-02   401917.6 3781798.8    359.8    2.50    4.00
2.33     YES
  L0000206        0   0.20833E-02   401909.0 3781798.3    359.6    2.50    4.00
2.33     YES
  L0000207        0   0.20833E-02   401900.8 3781798.4    359.5    2.50    4.00
2.33     YES
  L0000208        0   0.20833E-02   401896.1 3781805.6    360.2    2.50    4.00
2.33     YES
  L0000209        0   0.20833E-02   401891.4 3781812.8    360.7    2.50    4.00
2.33     YES
  L0000210        0   0.20833E-02   401886.7 3781820.0    361.2    2.50    4.00
2.33     YES
  L0000211        0   0.20833E-02   401882.0 3781827.2    361.7    2.50    4.00
2.33     YES
  L0000212        0   0.20833E-02   401877.2 3781834.4    362.3    2.50    4.00
2.33     YES
  L0000213        0   0.20833E-02   401872.5 3781841.6    362.9    2.50    4.00
2.33     YES
  L0000214        0   0.20833E-02   401867.8 3781848.8    363.9    2.50    4.00
2.33     YES
  L0000215        0   0.20833E-02   401863.1 3781856.0    365.2    2.50    4.00
2.33     YES
  L0000216        0   0.20833E-02   401856.5 3781859.8    366.5    2.50    4.00
2.33     YES
  L0000217        0   0.20833E-02   401847.9 3781860.2    367.3    2.50    4.00
2.33     YES
  L0000218        0   0.20833E-02   401839.3 3781860.5    367.4    2.50    4.00
2.33     YES
  L0000219        0   0.20833E-02   401834.9 3781856.5    366.7    2.50    4.00
2.33     YES
  L0000220        0   0.20833E-02   401834.8 3781847.9    364.9    2.50    4.00
2.33     YES
  L0000221        0   0.20833E-02   401834.8 3781839.3    363.2    2.50    4.00
2.33     YES
  L0000222        0   0.20833E-02   401834.7 3781830.7    362.1    2.50    4.00
2.33     YES
  L0000223        0   0.20833E-02   401834.7 3781822.1    361.1    2.50    4.00
2.33     YES
  L0000224        0   0.20833E-02   401834.6 3781813.5    360.1    2.50    4.00
2.33     YES
  L0000225        0   0.20833E-02   401834.6 3781804.9    359.1    2.50    4.00
2.33     YES
  L0000226        0   0.20833E-02   401834.5 3781796.3    358.1    2.50    4.00
2.33     YES
  L0000227        0   0.20833E-02   401834.5 3781787.7    357.1    2.50    4.00
2.33     YES
  L0000228        0   0.20833E-02   401834.4 3781779.1    356.1    2.50    4.00
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 2.33     YES
  L0000229         0   0.20833E-02  401834.4 3781770.5   355.2   2.50     4.00
 2.33     YES
  L0000230         0   0.20833E-02  401834.3 3781761.9   354.2   2.50     4.00
 2.33     YES
  L0000231         0   0.20833E-02  401834.3 3781753.3   353.2   2.50     4.00
 2.33     YES
  L0000232         0   0.20833E-02  401834.3 3781744.7   352.3   2.50     4.00
 2.33     YES
  L0000233         0   0.20833E-02  401834.2 3781736.1   351.4   2.50     4.00
 2.33     YES
  L0000234         0   0.20833E-02  401834.2 3781727.5   350.5   2.50     4.00
 2.33     YES
  L0000235         0   0.20833E-02  401834.1 3781718.9   349.6   2.50     4.00
 2.33     YES
  L0000236         0   0.20833E-02  401834.1 3781710.3   348.8   2.50     4.00
 2.33     YES
  L0000237         0   0.20833E-02  401834.0 3781701.7   348.0   2.50     4.00
 2.33     YES
  L0000238         0   0.20833E-02  401834.0 3781693.1   347.2   2.50     4.00
 2.33     YES
  L0000239         0   0.20833E-02  401833.9 3781684.5   346.4   2.50     4.00
 2.33     YES
  L0000240         0   0.20833E-02  401833.9 3781675.9   345.7   2.50     4.00
 2.33     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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- - - - - - - - - - - - - - - - - - -

  L0000241   0   0.20833E-02 401833.8 3781667.3   344.9   2.50   4.00
 2.33   YES
  L0000242   0   0.20833E-02 401833.8 3781658.7   344.1   2.50   4.00
 2.33   YES
  L0000243   0   0.20833E-02 401840.2 3781656.5   343.7   2.50   4.00

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2.33      YES
  L0000244          0   0.20833E-02   401848.8 3781656.4   343.6    2.50     4.00
2.33      YES
  L0000245          0   0.20833E-02   401857.4 3781656.3   343.6    2.50     4.00
2.33      YES
  L0000246          0   0.20833E-02   401866.0 3781656.2   343.2    2.50     4.00
2.33      YES
  L0000247          0   0.20833E-02   401874.6 3781656.1   343.0    2.50     4.00
2.33      YES
  L0000248          0   0.20833E-02   401883.2 3781656.0   342.6    2.50     4.00
2.33      YES
  L0000249          0   0.20833E-02   401891.8 3781656.0   342.7    2.50     4.00
2.33      YES
  L0000250          0   0.20833E-02   401900.4 3781655.9   342.6    2.50     4.00
2.33      YES
  L0000251          0   0.20833E-02   401909.0 3781655.8   342.6    2.50     4.00
2.33      YES
  L0000252          0   0.20833E-02   401917.6 3781655.7   342.5    2.50     4.00
2.33      YES
  L0000253          0   0.20833E-02   401926.2 3781655.6   342.5    2.50     4.00
2.33      YES
  L0000254          0   0.20833E-02   401934.8 3781655.5   342.4    2.50     4.00
2.33      YES
  L0000255          0   0.20833E-02   401943.4 3781655.4   342.5    2.50     4.00
2.33      YES
  L0000256          0   0.20833E-02   401952.0 3781655.3   342.6    2.50     4.00
2.33      YES
  L0000257          0   0.20833E-02   401960.6 3781655.2   342.8    2.50     4.00
2.33      YES
  L0000258          0   0.20833E-02   401969.2 3781655.1   343.1    2.50     4.00
2.33      YES
  L0000259          0   0.20833E-02   401977.8 3781655.0   343.4    2.50     4.00
2.33      YES
  L0000260          0   0.20833E-02   401986.4 3781654.9   343.7    2.50     4.00
2.33      YES
  L0000261          0   0.20833E-02   401995.0 3781654.8   344.0    2.50     4.00
2.33      YES
  L0000262          0   0.20833E-02   402003.6 3781654.7   344.4    2.50     4.00
2.33      YES
  L0000263          0   0.20833E-02   402012.2 3781654.7   344.6    2.50     4.00
2.33      YES
  L0000264          0   0.20833E-02   402020.8 3781654.6   344.6    2.50     4.00
2.33      YES
  L0000265          0   0.20833E-02   402029.4 3781654.5   344.6    2.50     4.00
2.33      YES
  L0000266          0   0.20833E-02   402038.0 3781654.4   344.5    2.50     4.00
2.33      YES
  L0000267          0   0.20833E-02   402040.7 3781659.0   345.0    2.50     4.00
2.33      YES
  L0000268          0   0.20833E-02   402038.6 3781667.3   346.1    2.50     4.00
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2.33      YES
 L0000269        0   0.20833E-02  402036.5 3781675.6   347.2    2.50     4.00
2.33      YES
 L0000270        0   0.20833E-02  402034.3 3781684.0   348.1    2.50     4.00
2.33      YES
 L0000271        0   0.20833E-02  402032.2 3781692.3   349.1    2.50     4.00
2.33      YES
 L0000272        0   0.20833E-02  402030.1 3781700.6   350.1    2.50     4.00
2.33      YES
 L0000273        0   0.20833E-02  402028.0 3781709.0   350.9    2.50     4.00
2.33      YES
 L0000274        0   0.20833E-02  402025.9 3781717.3   351.7    2.50     4.00
2.33      YES
 L0000275        0   0.20833E-02  402023.8 3781725.6   352.5    2.50     4.00
2.33      YES
 L0000276        0   0.20833E-02  402021.7 3781734.0   353.3    2.50     4.00
2.33      YES
 L0000277        0   0.20833E-02  402019.6 3781742.3   354.2    2.50     4.00
2.33      YES
 L0000278        0   0.20833E-02  402017.5 3781750.7   355.0    2.50     4.00
2.33      YES
 L0000279        0   0.20833E-02  402015.4 3781759.0   355.9    2.50     4.00
2.33      YES
 L0000280        0   0.20833E-02  402013.2 3781767.3   356.7    2.50     4.00
2.33      YES
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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                                                 *** VOLUME SOURCE DATA ***


             NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN EMISSION RATE
   SOURCE      PART. (GRAMS/SEC)     X        Y     ELEV.   HEIGHT     SY
SZ     SOURCE SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
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- - - - - - - - - - - - - - - - - -


 L0000281        0   0.20833E-02  402011.1 3781775.7   357.6    2.50     4.00
2.33      YES
 L0000282        0   0.20833E-02  402009.0 3781784.0   358.7    2.50     4.00
2.33      YES
 L0000283        0   0.20833E-02  402006.7 3781792.1   359.7    2.50     4.00
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2.33     YES
  L0000284          0   0.20833E-02  401998.2 3781791.4   359.7   2.50    4.00
2.33     YES
  L0000285          0   0.20833E-02  401989.6 3781790.8   359.6   2.50    4.00
2.33     YES
  L0000286          0   0.20833E-02  401981.0 3781790.1   359.4   2.50    4.00
2.33     YES
  L0000287          0   0.20833E-02  401972.4 3781789.4   359.3   2.50    4.00
2.33     YES
  L0000288          0   0.20833E-02  401963.9 3781788.8   359.3   2.50    4.00
2.33     YES
  L0000289          0   0.20833E-02  401955.3 3781788.1   359.3   2.50    4.00
2.33     YES
  L0000290          0   0.20833E-02  401946.7 3781787.4   359.2   2.50    4.00
2.33     YES
  L0000291          0   0.20833E-02  401938.1 3781786.7   358.7   2.50    4.00
2.33     YES
  L0000292          0   0.20833E-02  401929.6 3781786.1   358.1   2.50    4.00
2.33     YES
  L0000293          0   0.20833E-02  401921.0 3781785.4   357.4   2.50    4.00
2.33     YES
  L0000294          0   0.20833E-02  401912.4 3781784.7   356.9   2.50    4.00
2.33     YES
  L0000295          0   0.20833E-02  401903.9 3781784.1   356.4   2.50    4.00
2.33     YES
  L0000296          0   0.20833E-02  401895.3 3781783.4   356.0   2.50    4.00
2.33     YES
  L0000297          0   0.20833E-02  401889.3 3781787.5   356.5   2.50    4.00
2.33     YES
  L0000298          0   0.20833E-02  401885.2 3781795.1   358.4   2.50    4.00
2.33     YES
  L0000299          0   0.20833E-02  401881.1 3781802.6   359.8   2.50    4.00
2.33     YES
  L0000300          0   0.20833E-02  401877.0 3781810.2   360.4   2.50    4.00
2.33     YES
  L0000301          0   0.20833E-02  401872.9 3781817.7   360.6   2.50    4.00
2.33     YES
  L0000302          0   0.20833E-02  401868.8 3781825.3   361.1   2.50    4.00
2.33     YES
  L0000303          0   0.20833E-02  401864.6 3781832.8   362.0   2.50    4.00
2.33     YES
  L0000304          0   0.20833E-02  401860.5 3781840.4   363.0   2.50    4.00
2.33     YES
  L0000305          0   0.20833E-02  401856.0 3781847.3   364.3   2.50    4.00
2.33     YES
  L0000306          0   0.20833E-02  401848.4 3781847.4   364.6   2.50    4.00
2.33     YES
  L0000307          0   0.20833E-02  401848.3 3781838.8   362.9   2.50    4.00
2.33     YES
  L0000308          0   0.20833E-02  401848.3 3781830.2   361.9   2.50    4.00
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 2.33     YES
  L0000309         0   0.20833E-02  401848.2 3781821.6   360.8    2.50    4.00
 2.33     YES
  L0000310         0   0.20833E-02  401848.2 3781813.0   359.8    2.50    4.00
 2.33     YES
  L0000311         0   0.20833E-02  401848.1 3781804.4   358.9    2.50    4.00
 2.33     YES
  L0000312         0   0.20833E-02  401848.1 3781795.8   357.9    2.50    4.00
 2.33     YES
  L0000313         0   0.20833E-02  401848.0 3781787.2   356.9    2.50    4.00
 2.33     YES
  L0000314         0   0.20833E-02  401847.9 3781778.6   355.9    2.50    4.00
 2.33     YES
  L0000315         0   0.20833E-02  401847.9 3781770.0   355.0    2.50    4.00
 2.33     YES
  L0000316         0   0.20833E-02  401847.8 3781761.4   354.0    2.50    4.00
 2.33     YES
  L0000317         0   0.20833E-02  401847.8 3781752.8   353.0    2.50    4.00
 2.33     YES
  L0000318         0   0.20833E-02  401847.7 3781744.2   352.0    2.50    4.00
 2.33     YES
  L0000319         0   0.20833E-02  401847.7 3781735.6   351.1    2.50    4.00
 2.33     YES
  L0000320         0   0.20833E-02  401847.6 3781727.0   350.2    2.50    4.00
 2.33     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                              *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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  L0000321         0   0.20833E-02  401847.6 3781718.4   349.3    2.50    4.00
 2.33     YES
  L0000322         0   0.20833E-02  401847.5 3781709.8   348.5    2.50    4.00
 2.33     YES
  L0000323         0   0.20833E-02  401847.5 3781701.2   347.6    2.50    4.00
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2.33    YES
 L0000324        0    0.20833E-02   401847.4 3781692.6   346.8    2.50    4.00
2.33    YES
 L0000325        0    0.20833E-02   401847.3 3781684.0   346.0    2.50    4.00
2.33    YES
 L0000326        0    0.20833E-02   401847.3 3781675.4   345.3    2.50    4.00
2.33    YES
 L0000327        0    0.20833E-02   401851.6 3781671.1   344.8    2.50    4.00
2.33    YES
 L0000328        0    0.20833E-02   401860.2 3781671.0   344.7    2.50    4.00
2.33    YES
 L0000329        0    0.20833E-02   401868.8 3781670.9   344.4    2.50    4.00
2.33    YES
 L0000330        0    0.20833E-02   401877.4 3781670.8   344.2    2.50    4.00
2.33    YES
 L0000331        0    0.20833E-02   401886.0 3781670.7   344.0    2.50    4.00
2.33    YES
 L0000332        0    0.20833E-02   401894.6 3781670.6   343.9    2.50    4.00
2.33    YES
 L0000333        0    0.20833E-02   401903.2 3781670.5   344.0    2.50    4.00
2.33    YES
 L0000334        0    0.20833E-02   401911.8 3781670.4   344.0    2.50    4.00
2.33    YES
 L0000335        0    0.20833E-02   401920.4 3781670.2   344.1    2.50    4.00
2.33    YES
 L0000336        0    0.20833E-02   401929.0 3781670.1   344.2    2.50    4.00
2.33    YES
 L0000337        0    0.20833E-02   401937.6 3781670.0   344.3    2.50    4.00
2.33    YES
 L0000338        0    0.20833E-02   401946.2 3781669.9   344.3    2.50    4.00
2.33    YES
 L0000339        0    0.20833E-02   401954.8 3781669.8   344.4    2.50    4.00
2.33    YES
 L0000340        0    0.20833E-02   401963.4 3781669.7   344.6    2.50    4.00
2.33    YES
 L0000341        0    0.20833E-02   401972.0 3781669.6   345.0    2.50    4.00
2.33    YES
 L0000342        0    0.20833E-02   401980.6 3781669.5   345.4    2.50    4.00
2.33    YES
 L0000343        0    0.20833E-02   401989.2 3781669.3   345.7    2.50    4.00
2.33    YES
 L0000344        0    0.20833E-02   401997.8 3781669.2   346.0    2.50    4.00
2.33    YES
 L0000345        0    0.20833E-02   402006.4 3781669.1   346.4    2.50    4.00
2.33    YES
 L0000346        0    0.20833E-02   402015.0 3781669.0   346.5    2.50    4.00
2.33    YES
 L0000347        0    0.20833E-02   402018.5 3781673.1   347.0    2.50    4.00
2.33    YES
 L0000348        0    0.20833E-02   402016.6 3781681.5   348.0    2.50    4.00
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 2.33    YES
  L0000349        0   0.20833E-02  402014.8 3781689.9   348.9    2.50     4.00
 2.33    YES
  L0000350        0   0.20833E-02  402013.0 3781698.3   349.8    2.50     4.00
 2.33    YES
  L0000351        0   0.20833E-02  402011.2 3781706.7   350.4    2.50     4.00
 2.33    YES
  L0000352        0   0.20833E-02  402009.4 3781715.1   351.3    2.50     4.00
 2.33    YES
  L0000353        0   0.20833E-02  402007.6 3781723.6   352.1    2.50     4.00
 2.33    YES
  L0000354        0   0.20833E-02  402005.8 3781732.0   353.0    2.50     4.00
 2.33    YES
  L0000355        0   0.20833E-02  402003.9 3781740.4   353.9    2.50     4.00
 2.33    YES
  L0000356        0   0.20833E-02  402002.1 3781748.8   354.8    2.50     4.00
 2.33    YES
  L0000357        0   0.20833E-02  402000.3 3781757.2   355.7    2.50     4.00
 2.33    YES
  L0000358        0   0.20833E-02  401998.5 3781765.6   356.5    2.50     4.00
 2.33    YES
  L0000359        0   0.20833E-02  401996.7 3781774.0   357.4    2.50     4.00
 2.33    YES
  L0000360        0   0.20833E-02  401989.6 3781775.3   357.6    2.50     4.00
 2.33    YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** VOLUME SOURCE DATA ***

```
             NUMBER EMISSION RATE                      BASE     RELEASE    INIT.
INIT.   URBAN EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)    X       Y      ELEV.    HEIGHT     SY
SZ     SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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  L0000361        0   0.20833E-02  401981.0 3781774.6   357.3    2.50     4.00
 2.33    YES
  L0000362        0   0.20833E-02  401972.4 3781773.9   357.2    2.50     4.00
 2.33    YES
  L0000363        0   0.20833E-02  401963.9 3781773.2   357.2    2.50     4.00
```

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2.33     YES
  L0000364        0   0.20833E-02  401955.3 3781772.5   357.2    2.50    4.00
2.33     YES
  L0000365        0   0.20833E-02  401946.7 3781771.9   357.2    2.50    4.00
2.33     YES
  L0000366        0   0.20833E-02  401938.1 3781771.2   357.0    2.50    4.00
2.33     YES
  L0000367        0   0.20833E-02  401929.6 3781770.5   356.4    2.50    4.00
2.33     YES
  L0000368        0   0.20833E-02  401921.0 3781769.8   355.8    2.50    4.00
2.33     YES
  L0000369        0   0.20833E-02  401912.4 3781769.1   355.2    2.50    4.00
2.33     YES
  L0000370        0   0.20833E-02  401903.8 3781768.4   354.5    2.50    4.00
2.33     YES
  L0000371        0   0.20833E-02  401895.3 3781767.8   354.1    2.50    4.00
2.33     YES
  L0000372        0   0.20833E-02  401886.7 3781767.1   353.7    2.50    4.00
2.33     YES
  L0000373        0   0.20833E-02  401881.0 3781771.5   354.3    2.50    4.00
2.33     YES
  L0000374        0   0.20833E-02  401877.4 3781779.2   355.5    2.50    4.00
2.33     YES
  L0000375        0   0.20833E-02  401873.7 3781787.0   356.5    2.50    4.00
2.33     YES
  L0000376        0   0.20833E-02  401870.0 3781794.8   357.5    2.50    4.00
2.33     YES
  L0000377        0   0.20833E-02  401866.3 3781802.5   358.3    2.50    4.00
2.33     YES
  L0000378        0   0.20833E-02  401862.6 3781810.3   359.3    2.50    4.00
2.33     YES
  L0000379        0   0.20833E-02  401862.5 3781802.5   358.3    2.50    4.00
2.33     YES
  L0000380        0   0.20833E-02  401862.5 3781793.9   357.3    2.50    4.00
2.33     YES
  L0000381        0   0.20833E-02  401862.6 3781785.3   356.4    2.50    4.00
2.33     YES
  L0000382        0   0.20833E-02  401862.6 3781776.7   355.4    2.50    4.00
2.33     YES
  L0000383        0   0.20833E-02  401862.6 3781768.1   354.4    2.50    4.00
2.33     YES
  L0000384        0   0.20833E-02  401862.7 3781759.5   353.5    2.50    4.00
2.33     YES
  L0000385        0   0.20833E-02  401862.7 3781750.9   352.5    2.50    4.00
2.33     YES
  L0000386        0   0.20833E-02  401862.8 3781742.3   351.5    2.50    4.00
2.33     YES
  L0000387        0   0.20833E-02  401862.8 3781733.7   350.6    2.50    4.00
2.33     YES
  L0000388        0   0.20833E-02  401862.8 3781725.1   349.7    2.50    4.00
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2.33     YES
 L0000389         0   0.20833E-02  401862.9 3781716.5   348.8    2.50      4.00
2.33     YES
 L0000390         0   0.20833E-02  401862.9 3781707.9   347.9    2.50      4.00
2.33     YES
 L0000391         0   0.20833E-02  401863.0 3781699.3   347.1    2.50      4.00
2.33     YES
 L0000392         0   0.20833E-02  401863.0 3781690.7   346.4    2.50      4.00
2.33     YES
 L0000393         0   0.20833E-02  401866.8 3781685.7   345.8    2.50      4.00
2.33     YES
 L0000394         0   0.20833E-02  401875.4 3781685.6   345.6    2.50      4.00
2.33     YES
 L0000395         0   0.20833E-02  401884.0 3781685.4   345.2    2.50      4.00
2.33     YES
 L0000396         0   0.20833E-02  401892.6 3781685.2   345.2    2.50      4.00
2.33     YES
 L0000397         0   0.20833E-02  401901.1 3781685.0   345.3    2.50      4.00
2.33     YES
 L0000398         0   0.20833E-02  401909.7 3781684.9   345.5    2.50      4.00
2.33     YES
 L0000399         0   0.20833E-02  401918.3 3781684.7   345.7    2.50      4.00
2.33     YES
 L0000400         0   0.20833E-02  401926.9 3781684.5   345.9    2.50      4.00
2.33     YES
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** VOLUME SOURCE DATA ***

```
            NUMBER EMISSION RATE                 BASE     RELEASE    INIT.
INIT.  URBAN EMISSION RATE
   SOURCE      PART. (GRAMS/SEC)    X        Y      ELEV.   HEIGHT     SY
SZ     SOURCE SCALAR VARY
     ID        CATS.              (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -


 L0000401         0   0.20833E-02  401935.5 3781684.3   346.0    2.50      4.00
2.33     YES
 L0000402         0   0.20833E-02  401944.1 3781684.1   345.9    2.50      4.00
2.33     YES
 L0000403         0   0.20833E-02  401952.7 3781684.0   346.0    2.50      4.00
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2.33     YES
  L0000404        0   0.20833E-02  401961.3 3781683.8    346.0    2.50    4.00
2.33     YES
  L0000405        0   0.20833E-02  401969.9 3781683.6    346.4    2.50    4.00
2.33     YES
  L0000406        0   0.20833E-02  401978.5 3781683.4    346.9    2.50    4.00
2.33     YES
  L0000407        0   0.20833E-02  401987.1 3781683.2    347.2    2.50    4.00
2.33     YES
  L0000408        0   0.20833E-02  401995.7 3781683.1    347.5    2.50    4.00
2.33     YES
  L0000409        0   0.20833E-02  401997.0 3781689.3    348.2    2.50    4.00
2.33     YES
  L0000410        0   0.20833E-02  401995.7 3781697.8    349.0    2.50    4.00
2.33     YES
  L0000411        0   0.20833E-02  401994.4 3781706.3    349.8    2.50    4.00
2.33     YES
  L0000412        0   0.20833E-02  401993.1 3781714.8    350.7    2.50    4.00
2.33     YES
  L0000413        0   0.20833E-02  401991.8 3781723.3    351.7    2.50    4.00
2.33     YES
  L0000414        0   0.20833E-02  401990.5 3781731.8    352.6    2.50    4.00
2.33     YES
  L0000415        0   0.20833E-02  401989.2 3781740.3    353.5    2.50    4.00
2.33     YES
  L0000416        0   0.20833E-02  401987.9 3781748.8    354.5    2.50    4.00
2.33     YES
  L0000417        0   0.20833E-02  401986.6 3781757.3    355.3    2.50    4.00
2.33     YES
  L0000418        0   0.20833E-02  401980.4 3781759.7    355.4    2.50    4.00
2.33     YES
  L0000419        0   0.20833E-02  401971.8 3781759.2    355.2    2.50    4.00
2.33     YES
  L0000420        0   0.20833E-02  401963.2 3781758.6    355.2    2.50    4.00
2.33     YES
  L0000421        0   0.20833E-02  401954.6 3781758.1    355.3    2.50    4.00
2.33     YES
  L0000422        0   0.20833E-02  401946.0 3781757.6    355.4    2.50    4.00
2.33     YES
  L0000423        0   0.20833E-02  401937.5 3781757.0    355.2    2.50    4.00
2.33     YES
  L0000424        0   0.20833E-02  401928.9 3781756.5    354.7    2.50    4.00
2.33     YES
  L0000425        0   0.20833E-02  401920.3 3781755.9    354.3    2.50    4.00
2.33     YES
  L0000426        0   0.20833E-02  401911.7 3781755.4    353.6    2.50    4.00
2.33     YES
  L0000427        0   0.20833E-02  401903.1 3781754.9    352.9    2.50    4.00
2.33     YES
  L0000428        0   0.20833E-02  401894.5 3781754.3    352.5    2.50    4.00
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2.33     YES
 L0000429          0   0.20833E-02  401886.0 3781753.8   352.2    2.50    4.00
2.33     YES
 L0000430          0   0.20833E-02  401878.2 3781752.5   352.3    2.50    4.00
2.33     YES
 L0000431          0   0.20833E-02  401878.0 3781743.9   351.3    2.50    4.00
2.33     YES
 L0000432          0   0.20833E-02  401877.8 3781735.3   350.4    2.50    4.00
2.33     YES
 L0000433          0   0.20833E-02  401877.6 3781726.7   349.5    2.50    4.00
2.33     YES
 L0000434          0   0.20833E-02  401877.5 3781718.1   348.7    2.50    4.00
2.33     YES
 L0000435          0   0.20833E-02  401877.3 3781709.5   347.8    2.50    4.00
2.33     YES
 L0000436          0   0.20833E-02  401877.1 3781700.9   346.9    2.50    4.00
2.33     YES
 L0000437          0   0.20833E-02  401884.1 3781699.3   346.5    2.50    4.00
2.33     YES
 L0000438          0   0.20833E-02  401892.7 3781699.2   346.6    2.50    4.00
2.33     YES
 L0000439          0   0.20833E-02  401901.3 3781699.2   346.9    2.50    4.00
2.33     YES
 L0000440          0   0.20833E-02  401909.9 3781699.1   347.3    2.50    4.00
2.33     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 13
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

```
            NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.  URBAN EMISSION RATE
  SOURCE        PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT     SY
SZ    SOURCE  SCALAR VARY
   ID          CATS.             (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)           BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 L0000441          0   0.20833E-02  401918.5 3781699.1   347.6    2.50    4.00
2.33     YES
 L0000442          0   0.20833E-02  401927.1 3781699.0   347.8    2.50    4.00
2.33     YES
 L0000443          0   0.20833E-02  401935.7 3781699.0   347.8    2.50    4.00
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2.33     YES
  L0000444        0   0.20833E-02  401944.3 3781699.0   347.6    2.50    4.00
2.33     YES
  L0000445        0   0.20833E-02  401952.9 3781698.9   347.7    2.50    4.00
2.33     YES
  L0000446        0   0.20833E-02  401961.5 3781698.9   347.7    2.50    4.00
2.33     YES
  L0000447        0   0.20833E-02  401970.1 3781698.8   348.0    2.50    4.00
2.33     YES
  L0000448        0   0.20833E-02  401978.7 3781698.8   348.5    2.50    4.00
2.33     YES
  L0000449        0   0.20833E-02  401978.6 3781706.6   349.3    2.50    4.00
2.33     YES
  L0000450        0   0.20833E-02  401977.8 3781715.1   350.2    2.50    4.00
2.33     YES
  L0000451        0   0.20833E-02  401977.0 3781723.7   351.1    2.50    4.00
2.33     YES
  L0000452        0   0.20833E-02  401976.1 3781732.3   352.0    2.50    4.00
2.33     YES
  L0000453        0   0.20833E-02  401975.3 3781740.8   353.0    2.50    4.00
2.33     YES
  L0000454        0   0.20833E-02  401969.8 3781744.1   353.2    2.50    4.00
2.33     YES
  L0000455        0   0.20833E-02  401961.3 3781743.6   353.2    2.50    4.00
2.33     YES
  L0000456        0   0.20833E-02  401952.7 3781743.2   353.4    2.50    4.00
2.33     YES
  L0000457        0   0.20833E-02  401944.1 3781742.8   353.4    2.50    4.00
2.33     YES
  L0000458        0   0.20833E-02  401935.5 3781742.3   353.3    2.50    4.00
2.33     YES
  L0000459        0   0.20833E-02  401926.9 3781741.9   353.0    2.50    4.00
2.33     YES
  L0000460        0   0.20833E-02  401918.3 3781741.5   352.5    2.50    4.00
2.33     YES
  L0000461        0   0.20833E-02  401909.7 3781741.0   351.9    2.50    4.00
2.33     YES
  L0000462        0   0.20833E-02  401901.1 3781740.6   351.2    2.50    4.00
2.33     YES
  L0000463        0   0.20833E-02  401896.7 3781736.2   350.6    2.50    4.00
2.33     YES
  L0000464        0   0.20833E-02  401896.5 3781727.6   349.7    2.50    4.00
2.33     YES
  L0000465        0   0.20833E-02  401896.3 3781719.0   348.9    2.50    4.00
2.33     YES
  L0000466        0   0.20833E-02  401898.6 3781712.8   348.3    2.50    4.00
2.33     YES
  L0000467        0   0.20833E-02  401907.2 3781712.8   348.7    2.50    4.00
2.33     YES
  L0000468        0   0.20833E-02  401915.8 3781712.8   349.0    2.50    4.00
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 2.33     YES
 L0000469         0  0.20833E-02  401924.4 3781712.8   349.2    2.50     4.00
 2.33     YES
 L0000470         0  0.20833E-02  401933.0 3781712.8   349.5    2.50     4.00
 2.33     YES
 L0000471         0  0.20833E-02  401941.6 3781712.8   349.4    2.50     4.00
 2.33     YES
 L0000472         0  0.20833E-02  401950.2 3781712.8   349.3    2.50     4.00
 2.33     YES
 L0000473         0  0.20833E-02  401958.8 3781712.8   349.2    2.50     4.00
 2.33     YES
 L0000474         0  0.20833E-02  401960.5 3781720.0   350.1    2.50     4.00
 2.33     YES
 L0000475         0  0.20833E-02  401960.8 3781728.6   351.2    2.50     4.00
 2.33     YES
 L0000476         0  0.20833E-02  401954.0 3781730.0   351.6    2.50     4.00
 2.33     YES
 L0000477         0  0.20833E-02  401945.4 3781729.7   351.6    2.50     4.00
 2.33     YES
 L0000478         0  0.20833E-02  401936.8 3781729.4   351.7    2.50     4.00
 2.33     YES
 L0000479         0  0.20833E-02  401928.2 3781729.1   351.6    2.50     4.00
 2.33     YES
 L0000480         0  0.20833E-02  401919.6 3781728.8   351.2    2.50     4.00
 2.33     YES
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** VOLUME SOURCE DATA ***

            NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT. URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
    ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
 - - - - - - - - - - - - - - - - - -

 L0000894   0 0.96339E-03 402084.1 3781701.4   348.6   3.40   1.45
 1.47   YES
 L0000895   0 0.96339E-03 402085.4 3781698.6   348.1   3.40   1.45
 1.47   YES
 L0000896   0 0.96339E-03 402086.8 3781695.8   347.6   3.40   1.45

```
1.47      YES
 L0000897          0   0.96339E-03   402088.1 3781693.0   347.1     3.40      1.45
1.47      YES
 L0000898          0   0.96339E-03   402089.4 3781690.2   346.7     3.40      1.45
1.47      YES
 L0000899          0   0.96339E-03   402090.8 3781687.4   346.2     3.40      1.45
1.47      YES
 L0000900          0   0.96339E-03   402092.1 3781684.6   345.8     3.40      1.45
1.47      YES
 L0000901          0   0.96339E-03   402093.5 3781681.7   345.4     3.40      1.45
1.47      YES
 L0000902          0   0.96339E-03   402094.8 3781678.9   344.9     3.40      1.45
1.47      YES
 L0000903          0   0.96339E-03   402096.2 3781676.1   344.6     3.40      1.45
1.47      YES
 L0000904          0   0.96339E-03   402097.5 3781673.3   344.2     3.40      1.45
1.47      YES
 L0000905          0   0.96339E-03   402098.8 3781670.5   343.8     3.40      1.45
1.47      YES
 L0000906          0   0.96339E-03   402100.2 3781667.7   343.5     3.40      1.45
1.47      YES
 L0000907          0   0.96339E-03   402101.5 3781664.8   343.3     3.40      1.45
1.47      YES
 L0000908          0   0.96339E-03   402102.9 3781662.0   343.0     3.40      1.45
1.47      YES
 L0000909          0   0.96339E-03   402104.2 3781659.2   342.7     3.40      1.45
1.47      YES
 L0000910          0   0.96339E-03   402105.6 3781656.4   342.3     3.40      1.45
1.47      YES
 L0000911          0   0.96339E-03   402106.9 3781653.6   342.0     3.40      1.45
1.47      YES
 L0000912          0   0.96339E-03   402108.4 3781650.8   341.6     3.40      1.45
1.47      YES
 L0000913          0   0.96339E-03   402110.0 3781648.2   341.2     3.40      1.45
1.47      YES
 L0000914          0   0.96339E-03   402111.6 3781645.5   340.8     3.40      1.45
1.47      YES
 L0000915          0   0.96339E-03   402113.3 3781642.8   340.4     3.40      1.45
1.47      YES
 L0000916          0   0.96339E-03   402114.9 3781640.2   340.1     3.40      1.45
1.47      YES
 L0000917          0   0.96339E-03   402116.5 3781637.5   339.8     3.40      1.45
1.47      YES
 L0000918          0   0.96339E-03   402118.2 3781634.9   339.5     3.40      1.45
1.47      YES
 L0000919          0   0.96339E-03   402119.8 3781632.2   339.3     3.40      1.45
1.47      YES
 L0000920          0   0.96339E-03   402121.4 3781629.6   339.0     3.40      1.45
1.47      YES
 L0000921          0   0.96339E-03   402123.1 3781626.9   338.7     3.40      1.45
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1.47     YES
 L0000922        0   0.96339E-03  402124.7 3781624.2   338.5    3.40     1.45
1.47     YES
 L0000923        0   0.96339E-03  402126.3 3781621.6   338.2    3.40     1.45
1.47     YES
 L0000924        0   0.96339E-03  402128.0 3781618.9   338.0    3.40     1.45
1.47     YES
 L0000925        0   0.96339E-03  402130.3 3781617.2   337.8    3.40     1.45
1.47     YES
 L0000926        0   0.96339E-03  402133.3 3781616.5   337.7    3.40     1.45
1.47     YES
 L0000927        0   0.96339E-03  402136.3 3781615.8   337.6    3.40     1.45
1.47     YES
 L0000928        0   0.96339E-03  402139.4 3781615.1   337.5    3.40     1.45
1.47     YES
 L0000929        0   0.96339E-03  402142.4 3781614.4   337.4    3.40     1.45
1.47     YES
 L0000930        0   0.96339E-03  402145.5 3781613.8   337.3    3.40     1.45
1.47     YES
 L0000931        0   0.96339E-03  402148.5 3781613.1   337.1    3.40     1.45
1.47     YES
 L0000932        0   0.96339E-03  402151.6 3781612.4   337.0    3.40     1.45
1.47     YES
 L0000933        0   0.96339E-03  402154.6 3781611.7   336.9    3.40     1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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                                                 *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                     BASE     RELEASE     INIT.
INIT.   URBAN EMISSION RATE
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT      SY
SZ     SOURCE SCALAR VARY
     ID        CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)          BY
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 L0000934        0   0.96339E-03  402157.6 3781611.0   336.8    3.40     1.45
1.47     YES
 L0000935        0   0.96339E-03  402160.7 3781610.5   336.6    3.40     1.45
1.47     YES
 L0000936        0   0.96339E-03  402163.8 3781610.5   336.5    3.40     1.45
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1.47     YES
  L0000937        0   0.96339E-03  402166.9 3781610.5   336.4    3.40    1.45
1.47     YES
  L0000938        0   0.96339E-03  402170.1 3781610.5   336.3    3.40    1.45
1.47     YES
  L0000939        0   0.96339E-03  402173.2 3781610.5   336.2    3.40    1.45
1.47     YES
  L0000940        0   0.96339E-03  402176.3 3781610.5   336.1    3.40    1.45
1.47     YES
  L0000941        0   0.96339E-03  402179.4 3781610.5   336.0    3.40    1.45
1.47     YES
  L0000942        0   0.96339E-03  402182.5 3781610.5   335.9    3.40    1.45
1.47     YES
  L0000943        0   0.96339E-03  402185.7 3781610.5   335.8    3.40    1.45
1.47     YES
  L0000944        0   0.96339E-03  402188.8 3781610.5   335.7    3.40    1.45
1.47     YES
  L0000945        0   0.96339E-03  402191.9 3781610.5   335.6    3.40    1.45
1.47     YES
  L0000946        0   0.96339E-03  402195.0 3781610.5   335.5    3.40    1.45
1.47     YES
  L0000947        0   0.96339E-03  402198.1 3781610.5   335.4    3.40    1.45
1.47     YES
  L0000948        0   0.96339E-03  402201.3 3781610.5   335.3    3.40    1.45
1.47     YES
  L0000949        0   0.96339E-03  402204.4 3781610.5   335.2    3.40    1.45
1.47     YES
  L0000950        0   0.96339E-03  402207.5 3781610.5   335.1    3.40    1.45
1.47     YES
  L0000951        0   0.96339E-03  402210.6 3781610.5   334.9    3.40    1.45
1.47     YES
  L0000952        0   0.96339E-03  402213.7 3781610.5   334.8    3.40    1.45
1.47     YES
  L0000953        0   0.96339E-03  402216.9 3781610.5   334.7    3.40    1.45
1.47     YES
  L0000954        0   0.96339E-03  402220.0 3781610.5   334.6    3.40    1.45
1.47     YES
  L0000955        0   0.96339E-03  402223.1 3781610.5   334.5    3.40    1.45
1.47     YES
  L0000956        0   0.96339E-03  402226.2 3781610.0   334.4    3.40    1.45
1.47     YES
  L0000957        0   0.96339E-03  402229.2 3781609.2   334.2    3.40    1.45
1.47     YES
  L0000958        0   0.96339E-03  402232.2 3781608.4   334.2    3.40    1.45
1.47     YES
  L0000959        0   0.96339E-03  402235.2 3781607.6   334.1    3.40    1.45
1.47     YES
  L0000960        0   0.96339E-03  402238.2 3781606.9   334.0    3.40    1.45
1.47     YES
  L0000961        0   0.96339E-03  402241.3 3781606.1   334.0    3.40    1.45
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1.47     YES
 L0000962          0   0.96339E-03   402244.3 3781605.3   334.0   3.40    1.45
1.47     YES
 L0000963          0   0.96339E-03   402247.3 3781604.5   333.9   3.40    1.45
1.47     YES
 L0000964          0   0.96339E-03   402250.3 3781603.7   333.7   3.40    1.45
1.47     YES
 L0000965          0   0.96339E-03   402253.4 3781603.0   333.5   3.40    1.45
1.47     YES
 L0000966          0   0.96339E-03   402256.4 3781602.2   333.3   3.40    1.45
1.47     YES
 L0000967          0   0.96339E-03   402259.4 3781601.4   333.0   3.40    1.45
1.47     YES
 L0000968          0   0.96339E-03   402262.4 3781600.6   332.8   3.40    1.45
1.47     YES
 L0000969          0   0.96339E-03   402265.4 3781599.8   332.6   3.40    1.45
1.47     YES
 L0000970          0   0.96339E-03   402268.5 3781599.1   332.5   3.40    1.45
1.47     YES
 L0000971          0   0.96339E-03   402271.5 3781598.2   332.5   3.40    1.45
1.47     YES
 L0000972          0   0.96339E-03   402274.4 3781597.3   332.4   3.40    1.45
1.47     YES
 L0000973          0   0.96339E-03   402277.4 3781596.3   332.3   3.40    1.45
1.47     YES
```

                                          *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
    ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000974          0   0.96339E-03   402280.4 3781595.4   332.1   3.40    1.45
1.47     YES
 L0000975          0   0.96339E-03   402283.4 3781594.5   332.0   3.40    1.45
1.47     YES
 L0000976          0   0.96339E-03   402286.4 3781593.6   331.8   3.40    1.45
```

```
1.47     YES
  L0000977        0   0.96339E-03   402289.3 3781592.7   331.7    3.40    1.45
1.47     YES
  L0000978        0   0.96339E-03   402292.3 3781591.7   331.6    3.40    1.45
1.47     YES
  L0000979        0   0.96339E-03   402295.3 3781590.8   331.6    3.40    1.45
1.47     YES
  L0000980        0   0.96339E-03   402298.3 3781589.9   331.5    3.40    1.45
1.47     YES
  L0000981        0   0.96339E-03   402301.3 3781589.0   331.4    3.40    1.45
1.47     YES
  L0000982        0   0.96339E-03   402304.3 3781588.5   332.0    3.40    1.45
1.47     YES
  L0000983        0   0.96339E-03   402307.4 3781588.3   332.5    3.40    1.45
1.47     YES
  L0000984        0   0.96339E-03   402310.5 3781588.2   333.0    3.40    1.45
1.47     YES
  L0000985        0   0.96339E-03   402313.7 3781588.0   333.3    3.40    1.45
1.47     YES
  L0000986        0   0.96339E-03   402316.8 3781587.9   333.6    3.40    1.45
1.47     YES
  L0000987        0   0.96339E-03   402319.9 3781587.7   333.8    3.40    1.45
1.47     YES
  L0000988        0   0.96339E-03   402323.0 3781587.6   333.9    3.40    1.45
1.47     YES
  L0000989        0   0.96339E-03   402326.1 3781587.4   334.0    3.40    1.45
1.47     YES
  L0000990        0   0.96339E-03   402329.2 3781587.3   334.1    3.40    1.45
1.47     YES
  L0000991        0   0.96339E-03   402332.4 3781587.2   334.2    3.40    1.45
1.47     YES
  L0000992        0   0.96339E-03   402335.5 3781587.0   334.2    3.40    1.45
1.47     YES
  L0000993        0   0.96339E-03   402338.6 3781587.0   333.5    3.40    1.45
1.47     YES
  L0000994        0   0.96339E-03   402341.7 3781586.9   332.9    3.40    1.45
1.47     YES
  L0000995        0   0.96339E-03   402344.8 3781586.9   332.4    3.40    1.45
1.47     YES
  L0000996        0   0.96339E-03   402348.0 3781586.9   332.6    3.40    1.45
1.47     YES
  L0000997        0   0.96339E-03   402351.1 3781586.9   332.7    3.40    1.45
1.47     YES
  L0000998        0   0.96339E-03   402354.2 3781586.9   332.8    3.40    1.45
1.47     YES
  L0000999        0   0.96339E-03   402357.3 3781586.9   332.8    3.40    1.45
1.47     YES
  L0001000        0   0.96339E-03   402360.4 3781586.8   332.9    3.40    1.45
1.47     YES
  L0001001        0   0.96339E-03   402363.6 3781586.8   332.9    3.40    1.45
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 1.47     YES
 L0001002         0   0.96339E-03  402366.7 3781586.8   332.9    3.40      1.45
 1.47     YES
 L0001003         0   0.96339E-03  402369.8 3781586.8   332.9    3.40      1.45
 1.47     YES
 L0001004         0   0.96339E-03  402372.9 3781586.8   333.1    3.40      1.45
 1.47     YES
 L0001005         0   0.96339E-03  402376.0 3781586.8   333.3    3.40      1.45
 1.47     YES
 L0001006         0   0.96339E-03  402379.2 3781586.7   333.5    3.40      1.45
 1.47     YES
 L0001007         0   0.96339E-03  402382.3 3781586.7   333.6    3.40      1.45
 1.47     YES
 L0001008         0   0.96339E-03  402385.4 3781586.7   333.7    3.40      1.45
 1.47     YES
 L0001009         0   0.96339E-03  402388.5 3781586.7   333.8    3.40      1.45
 1.47     YES
 L0001010         0   0.96339E-03  402391.6 3781586.7   333.9    3.40      1.45
 1.47     YES
 L0001011         0   0.96339E-03  402394.8 3781586.7   334.0    3.40      1.45
 1.47     YES
 L0001012         0   0.96339E-03  402397.9 3781586.6   334.1    3.40      1.45
 1.47     YES
 L0001013         0   0.96339E-03  402401.0 3781586.6   334.3    3.40      1.45
 1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                           PAGE 17
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** VOLUME SOURCE DATA ***

	NUMBER	EMISSION RATE			BASE	RELEASE	INIT. INIT.	URBAN EMISSION RATE
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY SZ SOURCE SCALAR VARY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS) (METERS) BY

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 L0001014         0   0.96339E-03  402404.1 3781586.6   334.5    3.40      1.45
 1.47     YES
 L0001015         0   0.96339E-03  402407.2 3781586.6   334.6    3.40      1.45
 1.47     YES
 L0001016         0   0.96339E-03  402410.4 3781586.6   334.7    3.40      1.45
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1.47     YES
 L0001017        0   0.96339E-03   402413.5 3781586.5   334.8    3.40    1.45
1.47     YES
 L0001018        0   0.96339E-03   402416.6 3781586.5   334.8    3.40    1.45
1.47     YES
 L0001019        0   0.96339E-03   402419.7 3781586.5   334.8    3.40    1.45
1.47     YES
 L0001020        0   0.96339E-03   402422.8 3781586.5   334.8    3.40    1.45
1.47     YES
 L0001021        0   0.96339E-03   402426.0 3781586.5   334.8    3.40    1.45
1.47     YES
 L0001022        0   0.96339E-03   402429.1 3781586.5   334.8    3.40    1.45
1.47     YES
 L0001023        0   0.96339E-03   402432.2 3781586.4   335.0    3.40    1.45
1.47     YES
 L0001024        0   0.96339E-03   402435.3 3781586.4   335.2    3.40    1.45
1.47     YES
 L0001025        0   0.96339E-03   402438.4 3781586.4   335.3    3.40    1.45
1.47     YES
 L0001026        0   0.96339E-03   402441.6 3781586.4   335.3    3.40    1.45
1.47     YES
 L0001027        0   0.96339E-03   402444.7 3781586.4   335.3    3.40    1.45
1.47     YES
 L0001028        0   0.96339E-03   402447.8 3781586.4   335.4    3.40    1.45
1.47     YES
 L0001029        0   0.96339E-03   402450.9 3781586.3   335.7    3.40    1.45
1.47     YES
 L0001030        0   0.96339E-03   402454.0 3781586.3   336.0    3.40    1.45
1.47     YES
 L0001031        0   0.96339E-03   402457.2 3781586.3   336.1    3.40    1.45
1.47     YES
 L0001032        0   0.96339E-03   402460.3 3781586.3   336.2    3.40    1.45
1.47     YES
 L0001033        0   0.96339E-03   402463.4 3781586.3   336.2    3.40    1.45
1.47     YES
 L0001034        0   0.96339E-03   402466.5 3781586.3   336.4    3.40    1.45
1.47     YES
 L0001035        0   0.96339E-03   402469.6 3781586.2   336.5    3.40    1.45
1.47     YES
 L0001036        0   0.96339E-03   402472.8 3781586.2   336.8    3.40    1.45
1.47     YES
 L0001037        0   0.96339E-03   402475.9 3781586.2   337.1    3.40    1.45
1.47     YES
 L0001038        0   0.96339E-03   402479.0 3781586.2   337.5    3.40    1.45
1.47     YES
 L0001039        0   0.96339E-03   402482.1 3781586.2   337.9    3.40    1.45
1.47     YES
 L0001040        0   0.96339E-03   402485.2 3781586.1   338.3    3.40    1.45
1.47     YES
 L0001041        0   0.96339E-03   402488.4 3781586.1   338.7    3.40    1.45
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1.47     YES
 L0001042       0   0.96339E-03  402491.5 3781586.1   339.1    3.40    1.45
1.47     YES
 L0001043       0   0.96339E-03  402494.6 3781586.1   339.6    3.40    1.45
1.47     YES
 L0001044       0   0.96339E-03  402497.7 3781586.1   340.0    3.40    1.45
1.47     YES
 L0001045       0   0.96339E-03  402500.8 3781586.1   340.6    3.40    1.45
1.47     YES
 L0001046       0   0.96339E-03  402504.0 3781586.0   341.2    3.40    1.45
1.47     YES
 L0001047       0   0.96339E-03  402507.1 3781586.0   341.8    3.40    1.45
1.47     YES
 L0001048       0   0.96339E-03  402510.2 3781586.0   342.2    3.40    1.45
1.47     YES
 L0001049       0   0.96339E-03  402513.3 3781586.0   342.6    3.40    1.45
1.47     YES
 L0001050       0   0.96339E-03  402516.4 3781586.0   343.1    3.40    1.45
1.47     YES
 L0001051       0   0.96339E-03  402519.6 3781586.0   343.5    3.40    1.45
1.47     YES
 L0001052       0   0.96339E-03  402522.7 3781585.9   343.9    3.40    1.45
1.47     YES
 L0001053       0   0.96339E-03  402525.8 3781585.9   344.2    3.40    1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                          PAGE 18
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                         *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
    ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0001054       0   0.96339E-03  402528.9 3781585.9   344.5    3.40    1.45
1.47     YES
 L0001055       0   0.96339E-03  402532.0 3781585.9   344.8    3.40    1.45
1.47     YES
 L0001056       0   0.96339E-03  402535.2 3781585.9   345.2    3.40    1.45
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1.47      YES
  L0001057         0   0.96339E-03   402538.3 3781585.9   345.7    3.40    1.45
1.47      YES
  L0001058         0   0.96339E-03   402541.4 3781585.8   345.9    3.40    1.45
1.47      YES
  L0001059         0   0.96339E-03   402544.5 3781585.8   346.0    3.40    1.45
1.47      YES
  L0001060         0   0.96339E-03   402547.6 3781585.8   346.1    3.40    1.45
1.47      YES
  L0001061         0   0.96339E-03   402550.8 3781585.8   346.2    3.40    1.45
1.47      YES
  L0001062         0   0.96339E-03   402553.9 3781585.8   346.4    3.40    1.45
1.47      YES
  L0001063         0   0.96339E-03   402557.0 3781585.7   346.5    3.40    1.45
1.47      YES
  L0001064         0   0.96339E-03   402560.1 3781585.7   346.6    3.40    1.45
1.47      YES
  L0001065         0   0.96339E-03   402563.2 3781585.7   346.7    3.40    1.45
1.47      YES
  L0001066         0   0.96339E-03   402566.4 3781585.7   346.8    3.40    1.45
1.47      YES
  L0001067         0   0.96339E-03   402569.5 3781585.7   346.8    3.40    1.45
1.47      YES
  L0001068         0   0.96339E-03   402572.6 3781585.7   346.8    3.40    1.45
1.47      YES
  L0001069         0   0.96339E-03   402575.7 3781585.6   346.7    3.40    1.45
1.47      YES
  L0001070         0   0.96339E-03   402578.8 3781585.6   346.7    3.40    1.45
1.47      YES
  L0001071         0   0.96339E-03   402582.0 3781585.6   346.7    3.40    1.45
1.47      YES
  L0001072         0   0.96339E-03   402585.1 3781585.6   346.5    3.40    1.45
1.47      YES
  L0001073         0   0.96339E-03   402588.2 3781585.6   346.4    3.40    1.45
1.47      YES
  L0001074         0   0.96339E-03   402591.3 3781585.6   346.2    3.40    1.45
1.47      YES
  L0001075         0   0.96339E-03   402594.4 3781585.5   346.1    3.40    1.45
1.47      YES
  L0001076         0   0.96339E-03   402597.6 3781585.5   346.0    3.40    1.45
1.47      YES
  L0001077         0   0.96339E-03   402600.7 3781585.5   345.9    3.40    1.45
1.47      YES
  L0001078         0   0.96339E-03   402603.8 3781585.5   345.8    3.40    1.45
1.47      YES
  L0001079         0   0.96339E-03   402606.9 3781585.5   345.7    3.40    1.45
1.47      YES
  L0001080         0   0.96339E-03   402610.0 3781585.5   345.6    3.40    1.45
1.47      YES
  L0001081         0   0.96339E-03   402613.2 3781585.4   345.5    3.40    1.45
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1.47     YES
 L0001082        0  0.96339E-03  402616.3 3781585.4   345.4    3.40     1.45
1.47     YES
 L0001083        0  0.96339E-03  402619.4 3781585.4   345.3    3.40     1.45
1.47     YES
 L0001084        0  0.96339E-03  402622.5 3781585.4   345.2    3.40     1.45
1.47     YES
 L0001085        0  0.96339E-03  402625.6 3781585.4   345.0    3.40     1.45
1.47     YES
 L0001086        0  0.96339E-03  402628.8 3781585.3   344.9    3.40     1.45
1.47     YES
 L0001087        0  0.96339E-03  402631.9 3781585.3   344.7    3.40     1.45
1.47     YES
 L0001088        0  0.96339E-03  402635.0 3781585.3   344.6    3.40     1.45
1.47     YES
 L0001089        0  0.96339E-03  402638.1 3781585.3   344.4    3.40     1.45
1.47     YES
 L0001090        0  0.96339E-03  402641.2 3781585.3   344.2    3.40     1.45
1.47     YES
 L0001091        0  0.96339E-03  402644.4 3781585.3   344.0    3.40     1.45
1.47     YES
 L0001092        0  0.96339E-03  402647.5 3781585.2   343.8    3.40     1.45
1.47     YES
 L0001093        0  0.96339E-03  402650.6 3781585.2   343.6    3.40     1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                                              *** VOLUME SOURCE DATA ***


              NUMBER EMISSION RATE                   BASE     RELEASE    INIT.
INIT.   URBAN EMISSION RATE
   SOURCE       PART. (GRAMS/SEC)     X        Y     ELEV.    HEIGHT     SY
SZ     SOURCE  SCALAR VARY
     ID        CATS.              (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)           BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 L0001094        0  0.96339E-03  402653.7 3781585.2   343.4    3.40     1.45
1.47     YES
 L0001095        0  0.96339E-03  402656.8 3781585.2   343.2    3.40     1.45
1.47     YES
 L0001096        0  0.96339E-03  402660.0 3781585.2   343.0    3.40     1.45
```

```
1.47      YES
  L0001097        0    0.96339E-03   402663.1 3781585.2   342.7    3.40    1.45
1.47      YES
  L0001098        0    0.96339E-03   402666.2 3781585.1   342.5    3.40    1.45
1.47      YES
  L0001099        0    0.96339E-03   402669.3 3781585.1   342.2    3.40    1.45
1.47      YES
  L0001100        0    0.96339E-03   402672.4 3781585.1   342.0    3.40    1.45
1.47      YES
  L0001101        0    0.96339E-03   402675.6 3781585.1   341.7    3.40    1.45
1.47      YES
  L0001102        0    0.96339E-03   402678.7 3781585.1   341.5    3.40    1.45
1.47      YES
  L0001103        0    0.96339E-03   402681.8 3781585.1   341.2    3.40    1.45
1.47      YES
  L0001104        0    0.96339E-03   402684.9 3781585.0   341.0    3.40    1.45
1.47      YES
  L0001105        0    0.96339E-03   402688.0 3781585.0   340.7    3.40    1.45
1.47      YES
  L0001106        0    0.96339E-03   402691.2 3781585.0   340.5    3.40    1.45
1.47      YES
  L0001107        0    0.96339E-03   402694.3 3781585.0   340.3    3.40    1.45
1.47      YES
  L0001108        0    0.96339E-03   402697.4 3781585.0   340.1    3.40    1.45
1.47      YES
  L0001109        0    0.96339E-03   402700.5 3781584.9   339.9    3.40    1.45
1.47      YES
  L0001110        0    0.96339E-03   402703.6 3781584.9   339.7    3.40    1.45
1.47      YES
  L0001111        0    0.96339E-03   402706.8 3781584.9   339.5    3.40    1.45
1.47      YES
  L0001112        0    0.96339E-03   402709.9 3781584.9   339.3    3.40    1.45
1.47      YES
  L0001113        0    0.96339E-03   402713.0 3781584.9   339.1    3.40    1.45
1.47      YES
  L0001114        0    0.96339E-03   402716.1 3781584.9   339.0    3.40    1.45
1.47      YES
  L0001115        0    0.96339E-03   402719.2 3781584.8   338.8    3.40    1.45
1.47      YES
  L0001116        0    0.96339E-03   402722.4 3781584.8   338.7    3.40    1.45
1.47      YES
  L0001117        0    0.96339E-03   402725.5 3781584.8   338.6    3.40    1.45
1.47      YES
  L0001118        0    0.96339E-03   402728.6 3781584.8   338.5    3.40    1.45
1.47      YES
  L0001119        0    0.96339E-03   402731.7 3781584.8   338.4    3.40    1.45
1.47      YES
  L0001120        0    0.96339E-03   402734.8 3781584.8   338.3    3.40    1.45
1.47      YES
  L0001121        0    0.96339E-03   402738.0 3781584.7   338.2    3.40    1.45
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1.47     YES
 L0001122        0   0.96339E-03  402741.1 3781584.7   338.2    3.40     1.45
1.47     YES
 L0001123        0   0.96339E-03  402744.2 3781584.7   338.1    3.40     1.45
1.47     YES
 L0001124        0   0.96339E-03  402747.3 3781584.7   338.1    3.40     1.45
1.47     YES
 L0001125        0   0.96339E-03  402750.4 3781584.7   338.1    3.40     1.45
1.47     YES
 L0001126        0   0.96339E-03  402753.6 3781584.7   338.0    3.40     1.45
1.47     YES
 L0001127        0   0.96339E-03  402756.7 3781584.6   338.0    3.40     1.45
1.47     YES
 L0001128        0   0.96339E-03  402759.8 3781584.6   337.9    3.40     1.45
1.47     YES
 L0001129        0   0.96339E-03  402762.9 3781584.5   337.9    3.40     1.45
1.47     YES
 L0001130        0   0.96339E-03  402766.0 3781584.5   337.7    3.40     1.45
1.47     YES
 L0001131        0   0.96339E-03  402769.1 3781584.4   337.5    3.40     1.45
1.47     YES
 L0001132        0   0.96339E-03  402772.3 3781584.3   337.4    3.40     1.45
1.47     YES
 L0001133        0   0.96339E-03  402775.4 3781584.2   337.2    3.40     1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY

```
 L0001134        0   0.96339E-03  402778.5 3781584.2   337.0    3.40     1.45
1.47     YES
 L0001135        0   0.96339E-03  402781.6 3781584.1   336.7    3.40     1.45
1.47     YES
 L0001136        0   0.96339E-03  402784.7 3781584.0   336.5    3.40     1.45
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1.47     YES
 L0001137          0    0.96339E-03   402787.9 3781584.0   336.2    3.40     1.45
1.47     YES
 L0001138          0    0.96339E-03   402791.0 3781583.9   336.0    3.40     1.45
1.47     YES
 L0001139          0    0.96339E-03   402794.1 3781583.8   335.7    3.40     1.45
1.47     YES
 L0001140          0    0.96339E-03   402797.2 3781583.8   335.5    3.40     1.45
1.47     YES
 L0001141          0    0.96339E-03   402800.3 3781583.7   335.3    3.40     1.45
1.47     YES
 L0001142          0    0.96339E-03   402803.5 3781583.6   335.1    3.40     1.45
1.47     YES
 L0001143          0    0.96339E-03   402806.6 3781583.5   334.8    3.40     1.45
1.47     YES
 L0001144          0    0.96339E-03   402809.7 3781583.5   334.5    3.40     1.45
1.47     YES
 L0001145          0    0.96339E-03   402812.8 3781583.4   334.3    3.40     1.45
1.47     YES
 L0001146          0    0.96339E-03   402815.9 3781583.3   334.1    3.40     1.45
1.47     YES
 L0001147          0    0.96339E-03   402819.1 3781583.3   333.9    3.40     1.45
1.47     YES
 L0001148          0    0.96339E-03   402822.2 3781583.2   333.7    3.40     1.45
1.47     YES
 L0001149          0    0.96339E-03   402825.3 3781583.1   333.5    3.40     1.45
1.47     YES
 L0001150          0    0.96339E-03   402828.4 3781583.0   333.3    3.40     1.45
1.47     YES
 L0001151          0    0.96339E-03   402831.5 3781583.0   333.1    3.40     1.45
1.47     YES
 L0001152          0    0.96339E-03   402834.7 3781582.9   332.9    3.40     1.45
1.47     YES
 L0001153          0    0.96339E-03   402837.8 3781582.8   332.7    3.40     1.45
1.47     YES
 L0001154          0    0.96339E-03   402840.9 3781582.8   332.4    3.40     1.45
1.47     YES
 L0001155          0    0.96339E-03   402844.0 3781582.7   332.1    3.40     1.45
1.47     YES
 L0001156          0    0.96339E-03   402847.1 3781582.6   331.8    3.40     1.45
1.47     YES
 L0001157          0    0.96339E-03   402850.2 3781582.6   331.6    3.40     1.45
1.47     YES
 L0001158          0    0.96339E-03   402853.4 3781582.5   331.4    3.40     1.45
1.47     YES
 L0001159          0    0.96339E-03   402856.5 3781582.4   331.2    3.40     1.45
1.47     YES
 L0001160          0    0.96339E-03   402859.6 3781582.3   331.0    3.40     1.45
1.47     YES
 L0001161          0    0.96339E-03   402862.7 3781582.3   330.8    3.40     1.45
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1.47     YES
 L0001162         0   0.96339E-03  402865.8 3781582.2   330.6    3.40      1.45
1.47     YES
 L0001163         0   0.96339E-03  402869.0 3781582.1   330.3    3.40      1.45
1.47     YES
 L0001164         0   0.96339E-03  402872.1 3781582.1   330.1    3.40      1.45
1.47     YES
 L0001165         0   0.96339E-03  402875.2 3781582.0   329.9    3.40      1.45
1.47     YES
 L0001166         0   0.96339E-03  402878.3 3781581.9   329.6    3.40      1.45
1.47     YES
 L0001167         0   0.96339E-03  402881.4 3781581.8   329.4    3.40      1.45
1.47     YES
 L0001168         0   0.96339E-03  402884.6 3781581.8   329.2    3.40      1.45
1.47     YES
 L0001169         0   0.96339E-03  402887.7 3781581.7   329.0    3.40      1.45
1.47     YES
 L0001170         0   0.96339E-03  402890.8 3781581.6   328.7    3.40      1.45
1.47     YES
 L0001171         0   0.96339E-03  402893.9 3781581.6   328.5    3.40      1.45
1.47     YES
 L0001172         0   0.96339E-03  402897.0 3781581.5   328.3    3.40      1.45
1.47     YES
 L0001173         0   0.96339E-03  402900.2 3781581.4   328.0    3.40      1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                                          *** VOLUME SOURCE DATA ***


             NUMBER EMISSION RATE                      BASE     RELEASE    INIT.
INIT.   URBAN EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT     SY
SZ    SOURCE  SCALAR VARY
     ID        CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)           BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -


 L0001174         0   0.96339E-03  402903.3 3781581.4   327.8    3.40      1.45
1.47     YES
 L0001175         0   0.96339E-03  402906.4 3781581.3   327.5    3.40      1.45
1.47     YES
 L0001176         0   0.96339E-03  402909.5 3781581.2   327.3    3.40      1.45
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1.47     YES
L0001177        0   0.96339E-03  402912.6 3781581.1   327.1    3.40    1.45
1.47     YES
L0001178        0   0.96339E-03  402915.8 3781581.1   326.9    3.40    1.45
1.47     YES
L0001179        0   0.96339E-03  402918.9 3781581.0   326.8    3.40    1.45
1.47     YES
L0001180        0   0.96339E-03  402922.0 3781580.9   326.7    3.40    1.45
1.47     YES
L0001181        0   0.96339E-03  402925.1 3781580.9   326.5    3.40    1.45
1.47     YES
L0001182        0   0.96339E-03  402928.2 3781580.8   326.2    3.40    1.45
1.47     YES
L0001183        0   0.96339E-03  402931.3 3781580.7   325.9    3.40    1.45
1.47     YES
L0001184        0   0.96339E-03  402934.5 3781580.7   325.7    3.40    1.45
1.47     YES
L0001185        0   0.96339E-03  402937.6 3781580.6   325.5    3.40    1.45
1.47     YES
L0001186        0   0.96339E-03  402940.7 3781580.5   325.2    3.40    1.45
1.47     YES
L0001187        0   0.96339E-03  402943.8 3781580.4   325.1    3.40    1.45
1.47     YES
L0001188        0   0.96339E-03  402946.9 3781580.4   324.9    3.40    1.45
1.47     YES
L0001189        0   0.96339E-03  402950.1 3781580.3   324.7    3.40    1.45
1.47     YES
L0001190        0   0.96339E-03  402953.2 3781580.2   324.6    3.40    1.45
1.47     YES
L0001191        0   0.96339E-03  402956.3 3781580.2   324.4    3.40    1.45
1.47     YES
L0001192        0   0.96339E-03  402959.4 3781580.1   324.3    3.40    1.45
1.47     YES
L0001193        0   0.96339E-03  402962.5 3781580.0   324.1    3.40    1.45
1.47     YES
L0001194        0   0.96339E-03  402965.7 3781579.9   324.0    3.40    1.45
1.47     YES
L0001195        0   0.96339E-03  402968.8 3781579.9   323.8    3.40    1.45
1.47     YES
L0001196        0   0.96339E-03  402971.9 3781579.8   323.7    3.40    1.45
1.47     YES
L0001197        0   0.96339E-03  402975.0 3781579.7   323.6    3.40    1.45
1.47     YES
L0001198        0   0.96339E-03  402978.1 3781579.7   323.5    3.40    1.45
1.47     YES
L0001199        0   0.96339E-03  402981.3 3781579.6   323.4    3.40    1.45
1.47     YES
L0001200        0   0.96339E-03  402984.4 3781579.5   323.3    3.40    1.45
1.47     YES
L0001201        0   0.96339E-03  402987.5 3781579.5   323.2    3.40    1.45
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1.47     YES
 L0001202         0   0.96339E-03  402990.6 3781579.4   323.2   3.40    1.45
1.47     YES
 L0001203         0   0.96339E-03  402993.7 3781579.3   323.1   3.40    1.45
1.47     YES
 L0001204         0   0.96339E-03  402996.9 3781579.2   323.0   3.40    1.45
1.47     YES
 L0001205         0   0.96339E-03  403000.0 3781579.2   323.0   3.40    1.45
1.47     YES
 L0001206         0   0.96339E-03  403003.1 3781579.1   322.9   3.40    1.45
1.47     YES
 L0001207         0   0.96339E-03  403006.2 3781579.0   322.9   3.40    1.45
1.47     YES
 L0001208         0   0.96339E-03  403009.3 3781579.0   322.8   3.40    1.45
1.47     YES
 L0001209         0   0.96339E-03  403012.4 3781578.9   322.7   3.40    1.45
1.47     YES
 L0001210         0   0.96339E-03  403015.6 3781578.8   322.7   3.40    1.45
1.47     YES
 L0001211         0   0.96339E-03  403018.7 3781578.8   322.6   3.40    1.45
1.47     YES
 L0001212         0   0.96339E-03  403021.8 3781578.7   322.7   3.40    1.45
1.47     YES
 L0001213         0   0.96339E-03  403024.9 3781578.6   322.7   3.40    1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                            *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- - - - - - - - - - - - - - - - - -

 L0001214   0   0.96339E-03 403028.0 3781578.5   322.8   3.40   1.45
1.47   YES
 L0001215   0   0.96339E-03 403029.0 3781576.4   322.7   3.40   1.45
1.47   YES
 L0001216   0   0.96339E-03 403028.9 3781573.3   322.5   3.40   1.45

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1.47      YES
 L0001217          0   0.96339E-03   403028.8 3781570.2   322.2     3.40     1.45
1.47      YES
 L0001218          0   0.96339E-03   403028.7 3781567.0   321.9     3.40     1.45
1.47      YES
 L0001219          0   0.96339E-03   403028.6 3781563.9   321.6     3.40     1.45
1.47      YES
 L0001220          0   0.96339E-03   403028.5 3781560.8   321.2     3.40     1.45
1.47      YES
 L0001221          0   0.96339E-03   403028.5 3781557.7   320.9     3.40     1.45
1.47      YES
 L0001222          0   0.96339E-03   403028.4 3781554.6   320.6     3.40     1.45
1.47      YES
 L0001223          0   0.96339E-03   403028.3 3781551.5   320.3     3.40     1.45
1.47      YES
 L0001224          0   0.96339E-03   403028.2 3781548.3   320.0     3.40     1.45
1.47      YES
 L0001225          0   0.96339E-03   403028.1 3781545.2   319.7     3.40     1.45
1.47      YES
 L0001226          0   0.96339E-03   403028.0 3781542.1   319.4     3.40     1.45
1.47      YES
 L0001227          0   0.96339E-03   403027.9 3781539.0   319.1     3.40     1.45
1.47      YES
 L0001228          0   0.96339E-03   403027.8 3781535.9   318.8     3.40     1.45
1.47      YES
 L0001229          0   0.96339E-03   403027.8 3781532.7   318.4     3.40     1.45
1.47      YES
 L0001230          0   0.96339E-03   403027.7 3781529.6   318.1     3.40     1.45
1.47      YES
 L0001231          0   0.96339E-03   403027.6 3781526.5   317.8     3.40     1.45
1.47      YES
 L0001232          0   0.96339E-03   403027.5 3781523.4   317.5     3.40     1.45
1.47      YES
 L0001233          0   0.96339E-03   403027.4 3781520.3   317.2     3.40     1.45
1.47      YES
 L0001234          0   0.96339E-03   403027.3 3781517.1   317.0     3.40     1.45
1.47      YES
 L0001235          0   0.96339E-03   403027.1 3781514.0   316.7     3.40     1.45
1.47      YES
 L0001236          0   0.96339E-03   403026.8 3781510.9   316.4     3.40     1.45
1.47      YES
 L0001237          0   0.96339E-03   403026.6 3781507.8   316.1     3.40     1.45
1.47      YES
 L0001238          0   0.96339E-03   403026.3 3781504.7   315.7     3.40     1.45
1.47      YES
 L0001239          0   0.96339E-03   403026.0 3781501.6   315.4     3.40     1.45
1.47      YES
 L0001240          0   0.96339E-03   403025.7 3781498.5   315.1     3.40     1.45
1.47      YES
 L0001241          0   0.96339E-03   403025.4 3781495.4   314.8     3.40     1.45
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1.47     YES
 L0001242          0   0.96339E-03  403025.2 3781492.3   314.5    3.40     1.45
1.47     YES
 L0001243          0   0.96339E-03  403024.9 3781489.2   314.2    3.40     1.45
1.47     YES
 L0001244          0   0.96339E-03  403024.6 3781486.1   313.9    3.40     1.45
1.47     YES
 L0001245          0   0.96339E-03  403024.3 3781483.0   313.6    3.40     1.45
1.47     YES
 L0001246          0   0.96339E-03  403024.0 3781479.9   313.2    3.40     1.45
1.47     YES
 L0001247          0   0.96339E-03  403023.8 3781476.7   312.9    3.40     1.45
1.47     YES
 L0001248          0   0.96339E-03  403023.5 3781473.6   312.6    3.40     1.45
1.47     YES
 L0001249          0   0.96339E-03  403023.2 3781470.5   312.3    3.40     1.45
1.47     YES
 L0001250          0   0.96339E-03  403022.9 3781467.4   312.0    3.40     1.45
1.47     YES
 L0001251          0   0.96339E-03  403022.6 3781464.3   311.7    3.40     1.45
1.47     YES
 L0001252          0   0.96339E-03  403022.3 3781461.2   311.4    3.40     1.45
1.47     YES
 L0001253          0   0.96339E-03  403022.1 3781458.1   311.2    3.40     1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                 *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- - - - - - - - - - - - - - - - - -

 L0001254   0   0.96339E-03 403021.8 3781455.0   310.9   3.40   1.45
1.47   YES
 L0001255   0   0.96339E-03 403021.6 3781451.9   310.6   3.40   1.45
1.47   YES
 L0001256   0   0.96339E-03 403021.4 3781448.8   310.4   3.40   1.45

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1.47      YES
 L0001257          0   0.96339E-03   403021.2 3781445.7    310.1    3.40      1.45
1.47      YES
 L0001258          0   0.96339E-03   403021.0 3781442.5    309.8    3.40      1.45
1.47      YES
 L0001259          0   0.96339E-03   403020.8 3781439.4    309.6    3.40      1.45
1.47      YES
 L0001260          0   0.96339E-03   403020.6 3781436.3    309.3    3.40      1.45
1.47      YES
 L0001261          0   0.96339E-03   403020.3 3781433.2    309.1    3.40      1.45
1.47      YES
 L0001262          0   0.96339E-03   403020.1 3781430.1    308.8    3.40      1.45
1.47      YES
 L0001263          0   0.96339E-03   403019.9 3781427.0    308.6    3.40      1.45
1.47      YES
 L0001264          0   0.96339E-03   403019.7 3781423.9    308.3    3.40      1.45
1.47      YES
 L0001265          0   0.96339E-03   403019.5 3781420.8    308.0    3.40      1.45
1.47      YES
 L0001266          0   0.96339E-03   403019.3 3781417.6    307.8    3.40      1.45
1.47      YES
 L0001267          0   0.96339E-03   403019.1 3781414.5    307.5    3.40      1.45
1.47      YES
 L0001268          0   0.96339E-03   403018.9 3781411.4    307.3    3.40      1.45
1.47      YES
 L0001269          0   0.96339E-03   403018.7 3781408.3    307.0    3.40      1.45
1.47      YES
 L0001270          0   0.96339E-03   403018.4 3781405.2    306.8    3.40      1.45
1.47      YES
 L0001271          0   0.96339E-03   403018.2 3781402.1    306.5    3.40      1.45
1.47      YES
 L0001272          0   0.96339E-03   403018.0 3781399.0    306.2    3.40      1.45
1.47      YES
 L0001273          0   0.96339E-03   403017.8 3781395.9    306.0    3.40      1.45
1.47      YES
 L0001274          0   0.96339E-03   403017.6 3781392.7    305.7    3.40      1.45
1.47      YES
 L0001275          0   0.96339E-03   403017.4 3781389.6    305.5    3.40      1.45
1.47      YES
 L0001276          0   0.96339E-03   403017.2 3781386.5    305.2    3.40      1.45
1.47      YES
 L0001277          0   0.96339E-03   403017.0 3781383.4    305.0    3.40      1.45
1.47      YES
 L0001278          0   0.96339E-03   403016.7 3781380.3    304.7    3.40      1.45
1.47      YES
 L0001279          0   0.96339E-03   403016.5 3781377.2    304.4    3.40      1.45
1.47      YES
 L0001280          0   0.96339E-03   403016.3 3781374.1    304.2    3.40      1.45
1.47      YES
 L0001281          0   0.96339E-03   403016.1 3781370.9    303.9    3.40      1.45
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1.47     YES
 L0001282          0   0.96339E-03  403015.9 3781367.8   303.7    3.40     1.45
1.47     YES
 L0001283          0   0.96339E-03  403015.7 3781364.7   303.4    3.40     1.45
1.47     YES
 L0001284          0   0.96339E-03  403015.5 3781361.6   303.1    3.40     1.45
1.47     YES
 L0001285          0   0.96339E-03  403015.3 3781358.5   302.9    3.40     1.45
1.47     YES
 L0001286          0   0.96339E-03  403015.1 3781355.4   302.6    3.40     1.45
1.47     YES
 L0001287          0   0.96339E-03  403014.8 3781352.3   302.3    3.40     1.45
1.47     YES
 L0001288          0   0.96339E-03  403014.6 3781349.2   302.1    3.40     1.45
1.47     YES
 L0001289          0   0.96339E-03  403014.4 3781346.0   301.8    3.40     1.45
1.47     YES
 L0001290          0   0.96339E-03  403014.2 3781342.9   301.6    3.40     1.45
1.47     YES
 L0001291          0   0.96339E-03  403014.0 3781339.8   301.3    3.40     1.45
1.47     YES
 L0001292          0   0.96339E-03  403013.8 3781336.7   301.0    3.40     1.45
1.47     YES
 L0001293          0   0.96339E-03  403013.6 3781333.6   300.8    3.40     1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                                             *** VOLUME SOURCE DATA ***


            NUMBER EMISSION RATE                    BASE     RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE      PART. (GRAMS/SEC)    X        Y      ELEV.   HEIGHT     SY
SZ     SOURCE  SCALAR VARY
     ID        CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 L0001294          0   0.96339E-03  403013.4 3781330.5   300.6    3.40     1.45
1.47     YES
 L0001295          0   0.96339E-03  403013.1 3781327.4   300.3    3.40     1.45
1.47     YES
 L0001296          0   0.96339E-03  403012.9 3781324.3   300.1    3.40     1.45
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1.47     YES
 L0001297         0   0.96339E-03   403012.7 3781321.1   299.9   3.40   1.45
1.47     YES
 L0001298         0   0.96339E-03   403012.5 3781318.0   299.8   3.40   1.45
1.47     YES
 L0001299         0   0.96339E-03   403012.3 3781314.9   299.6   3.40   1.45
1.47     YES
 L0001300         0   0.96339E-03   403012.1 3781311.8   299.4   3.40   1.45
1.47     YES
 L0001301         0   0.96339E-03   403011.9 3781308.7   299.2   3.40   1.45
1.47     YES
 L0001302         0   0.96339E-03   403011.7 3781305.6   299.1   3.40   1.45
1.47     YES
 L0001303         0   0.96339E-03   403011.5 3781302.5   298.9   3.40   1.45
1.47     YES
 L0001304         0   0.96339E-03   403011.2 3781299.4   298.7   3.40   1.45
1.47     YES
 L0001305         0   0.96339E-03   403011.0 3781296.2   298.5   3.40   1.45
1.47     YES
 L0001306         0   0.96339E-03   403010.8 3781293.1   298.3   3.40   1.45
1.47     YES
 L0001307         0   0.96339E-03   403010.6 3781290.0   298.1   3.40   1.45
1.47     YES
 L0001308         0   0.96339E-03   403010.4 3781286.9   297.9   3.40   1.45
1.47     YES
 L0001309         0   0.96339E-03   403010.2 3781283.8   297.7   3.40   1.45
1.47     YES
 L0001310         0   0.96339E-03   403010.0 3781280.7   297.5   3.40   1.45
1.47     YES
 L0001311         0   0.96339E-03   403009.8 3781277.6   297.3   3.40   1.45
1.47     YES
 L0001312         0   0.96339E-03   403009.5 3781274.5   297.1   3.40   1.45
1.47     YES
 L0001313         0   0.96339E-03   403009.3 3781271.3   296.9   3.40   1.45
1.47     YES
 L0001314         0   0.96339E-03   403009.1 3781268.2   296.7   3.40   1.45
1.47     YES
 L0001315         0   0.96339E-03   403008.9 3781265.1   296.4   3.40   1.45
1.47     YES
 L0001316         0   0.96339E-03   403008.7 3781262.0   296.2   3.40   1.45
1.47     YES
 L0001317         0   0.96339E-03   403008.5 3781258.9   296.0   3.40   1.45
1.47     YES
 L0001318         0   0.96339E-03   403008.3 3781255.8   295.8   3.40   1.45
1.47     YES
 L0001319         0   0.96339E-03   403008.1 3781252.7   295.6   3.40   1.45
1.47     YES
 L0001320         0   0.96339E-03   403007.9 3781249.5   295.4   3.40   1.45
1.47     YES
 L0001321         0   0.96339E-03   403007.6 3781246.4   295.1   3.40   1.45
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1.47     YES
 L0001322       0   0.96339E-03  403007.4 3781243.3   294.9   3.40    1.45
1.47     YES
 L0001323       0   0.96339E-03  403007.2 3781240.2   294.7   3.40    1.45
1.47     YES
 L0001324       0   0.96339E-03  403007.0 3781237.1   294.4   3.40    1.45
1.47     YES
 L0001325       0   0.96339E-03  403006.8 3781234.0   294.1   3.40    1.45
1.47     YES
 L0001326       0   0.96339E-03  403006.6 3781230.9   293.9   3.40    1.45
1.47     YES
 L0001327       0   0.96339E-03  403006.4 3781227.8   293.6   3.40    1.45
1.47     YES
 L0001328       0   0.96339E-03  403006.2 3781224.6   293.4   3.40    1.45
1.47     YES
 L0001329       0   0.96339E-03  403005.9 3781221.5   293.1   3.40    1.45
1.47     YES
 L0001330       0   0.96339E-03  403005.7 3781218.4   292.8   3.40    1.45
1.47     YES
 L0001331       0   0.96339E-03  403005.5 3781215.3   292.6   3.40    1.45
1.47     YES
 L0001332       0   0.96339E-03  403005.3 3781212.2   292.3   3.40    1.45
1.47     YES
 L0001333       0   0.96339E-03  403005.1 3781209.1   292.1   3.40    1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	VARY BY

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 L0001334       0   0.96339E-03  403004.9 3781206.0   291.8   3.40    1.45
1.47     YES
 L0001335       0   0.96339E-03  403004.7 3781202.9   291.5   3.40    1.45
1.47     YES
 L0001336       0   0.96339E-03  403004.5 3781199.7   291.3   3.40    1.45
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1.47     YES
  L0001337      0    0.96339E-03   403004.3 3781196.6   291.0   3.40   1.45
1.47     YES
  L0001338      0    0.96339E-03   403004.0 3781193.5   290.7   3.40   1.45
1.47     YES
  L0001339      0    0.96339E-03   403003.8 3781190.4   290.5   3.40   1.45
1.47     YES
  L0001340      0    0.96339E-03   403003.6 3781187.3   290.2   3.40   1.45
1.47     YES
  L0001341      0    0.96339E-03   403003.4 3781184.2   289.9   3.40   1.45
1.47     YES
  L0001342      0    0.96339E-03   403003.2 3781181.1   289.7   3.40   1.45
1.47     YES
  L0001343      0    0.96339E-03   403003.0 3781178.0   289.4   3.40   1.45
1.47     YES
  L0001344      0    0.96339E-03   403002.8 3781174.8   289.1   3.40   1.45
1.47     YES
  L0001345      0    0.96339E-03   403002.6 3781171.7   288.8   3.40   1.45
1.47     YES
  L0001346      0    0.96339E-03   403002.3 3781168.6   288.6   3.40   1.45
1.47     YES
  L0001347      0    0.96339E-03   403002.1 3781165.5   288.3   3.40   1.45
1.47     YES
  L0001348      0    0.96339E-03   403001.9 3781162.4   288.0   3.40   1.45
1.47     YES
  L0001349      0    0.96339E-03   403001.7 3781159.3   287.8   3.40   1.45
1.47     YES
  L0001350      0    0.96339E-03   403001.5 3781156.2   287.5   3.40   1.45
1.47     YES
  L0001351      0    0.96339E-03   403001.3 3781153.1   287.2   3.40   1.45
1.47     YES
  L0001352      0    0.96339E-03   403001.1 3781149.9   287.0   3.40   1.45
1.47     YES
  L0001353      0    0.96339E-03   403000.9 3781146.8   286.8   3.40   1.45
1.47     YES
  L0001354      0    0.96339E-03   403000.7 3781143.7   286.5   3.40   1.45
1.47     YES
  L0001355      0    0.96339E-03   403000.4 3781140.6   286.3   3.40   1.45
1.47     YES
  L0001356      0    0.96339E-03   403000.2 3781137.5   286.0   3.40   1.45
1.47     YES
  L0001357      0    0.96339E-03   403000.0 3781134.4   285.8   3.40   1.45
1.47     YES
  L0001358      0    0.96339E-03   402999.8 3781131.3   285.5   3.40   1.45
1.47     YES
  L0001359      0    0.96339E-03   402999.6 3781128.1   285.2   3.40   1.45
1.47     YES
  L0001360      0    0.96339E-03   402999.4 3781125.0   285.0   3.40   1.45
1.47     YES
  L0001361      0    0.96339E-03   402999.2 3781121.9   284.7   3.40   1.45
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1.47    YES
 L0001362        0   0.96339E-03   402999.0 3781118.8   284.4   3.40    1.45
1.47    YES
 L0001363        0   0.96339E-03   402998.8 3781115.7   284.1   3.40    1.45
1.47    YES
 L0001364        0   0.96339E-03   402998.5 3781112.6   283.8   3.40    1.45
1.47    YES
 L0001365        0   0.96339E-03   402998.3 3781109.5   283.5   3.40    1.45
1.47    YES
 L0001366        0   0.96339E-03   402998.1 3781106.4   283.2   3.40    1.45
1.47    YES
 L0001367        0   0.96339E-03   402997.9 3781103.2   282.9   3.40    1.45
1.47    YES
 L0001368        0   0.96339E-03   402997.8 3781100.1   282.6   3.40    1.45
1.47    YES
 L0001369        0   0.96339E-03   402997.6 3781097.0   282.3   3.40    1.45
1.47    YES
 L0001370        0   0.96339E-03   402997.4 3781093.9   282.0   3.40    1.45
1.47    YES
 L0001371        0   0.96339E-03   402997.3 3781090.8   281.7   3.40    1.45
1.47    YES
 L0001372        0   0.96339E-03   402997.1 3781087.7   281.4   3.40    1.45
1.47    YES
 L0001373        0   0.96339E-03   402997.0 3781084.6   281.2   3.40    1.45
1.47    YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 26
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0001374	0	0.96339E-03	402996.8	3781081.4	280.9	3.40	1.45	1.47	YES
L0001375	0	0.96339E-03	402996.6	3781078.3	280.6	3.40	1.45	1.47	YES
L0001376	0	0.96339E-03	402996.5	3781075.2	280.2	3.40	1.45		

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1.47      YES
 L0001377          0   0.96339E-03   402996.3 3781072.1   279.9     3.40     1.45
1.47      YES
 L0001378          0   0.96339E-03   402996.1 3781069.0   279.6     3.40     1.45
1.47      YES
 L0001379          0   0.96339E-03   402996.0 3781065.9   279.3     3.40     1.45
1.47      YES
 L0001380          0   0.96339E-03   402995.8 3781062.7   279.0     3.40     1.45
1.47      YES
 L0001381          0   0.96339E-03   402995.7 3781059.6   278.7     3.40     1.45
1.47      YES
 L0001382          0   0.96339E-03   402995.5 3781056.5   278.4     3.40     1.45
1.47      YES
 L0001383          0   0.96339E-03   402995.3 3781053.4   278.2     3.40     1.45
1.47      YES
 L0001384          0   0.96339E-03   402995.1 3781050.3   277.9     3.40     1.45
1.47      YES
 L0001385          0   0.96339E-03   402995.0 3781047.2   277.6     3.40     1.45
1.47      YES
 L0001386          0   0.96339E-03   402994.8 3781044.0   277.4     3.40     1.45
1.47      YES
 L0001387          0   0.96339E-03   402994.6 3781040.9   277.2     3.40     1.45
1.47      YES
 L0001388          0   0.96339E-03   402994.4 3781037.8   276.9     3.40     1.45
1.47      YES
 L0001389          0   0.96339E-03   402994.2 3781034.7   276.7     3.40     1.45
1.47      YES
 L0001390          0   0.96339E-03   402994.1 3781031.6   276.5     3.40     1.45
1.47      YES
 L0001391          0   0.96339E-03   402993.9 3781028.5   276.3     3.40     1.45
1.47      YES
 L0001392          0   0.96339E-03   402993.7 3781025.4   276.1     3.40     1.45
1.47      YES
 L0001393          0   0.96339E-03   402993.5 3781022.2   275.9     3.40     1.45
1.47      YES
 L0001394          0   0.96339E-03   402993.4 3781019.1   275.7     3.40     1.45
1.47      YES
 L0001395          0   0.96339E-03   402993.2 3781016.0   275.5     3.40     1.45
1.47      YES
 L0001396          0   0.96339E-03   402993.0 3781012.9   275.3     3.40     1.45
1.47      YES
 L0001397          0   0.96339E-03   402992.8 3781009.8   275.1     3.40     1.45
1.47      YES
 L0001398          0   0.96339E-03   402992.6 3781006.7   274.9     3.40     1.45
1.47      YES
 L0001399          0   0.96339E-03   402992.5 3781003.6   274.6     3.40     1.45
1.47      YES
 L0001400          0   0.96339E-03   402992.3 3781000.4   274.4     3.40     1.45
1.47      YES
 L0001401          0   0.96339E-03   402992.1 3780997.3   274.2     3.40     1.45
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1.47     YES
 L0001402          0   0.96339E-03  402991.9 3780994.2   274.0    3.40     1.45
1.47     YES
 L0001403          0   0.96339E-03  402991.8 3780991.1   273.8    3.40     1.45
1.47     YES
 L0001404          0   0.96339E-03  402991.6 3780988.0   273.5    3.40     1.45
1.47     YES
 L0001405          0   0.96339E-03  402991.4 3780984.9   273.3    3.40     1.45
1.47     YES
 L0001406          0   0.96339E-03  402991.2 3780981.8   273.1    3.40     1.45
1.47     YES
 L0001407          0   0.96339E-03  402991.0 3780978.6   272.8    3.40     1.45
1.47     YES
 L0001408          0   0.96339E-03  402990.9 3780975.5   272.6    3.40     1.45
1.47     YES
 L0001409          0   0.96339E-03  402990.7 3780972.4   272.4    3.40     1.45
1.47     YES
 L0001410          0   0.96339E-03  402990.5 3780969.3   272.1    3.40     1.45
1.47     YES
 L0001411          0   0.96339E-03  402990.3 3780966.2   271.9    3.40     1.45
1.47     YES
 L0001412          0   0.96339E-03  402990.2 3780963.1   271.7    3.40     1.45
1.47     YES
 L0001413          0   0.96339E-03  402990.0 3780959.9   271.4    3.40     1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                   *** VOLUME SOURCE DATA ***

	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.		
INIT.	URBAN	EMISSION RATE							
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY		
SZ	SOURCE	SCALAR VARY							
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		
(METERS)		BY							

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 L0001414          0   0.96339E-03  402989.8 3780956.8   271.2    3.40     1.45
1.47     YES
 L0001415          0   0.96339E-03  402989.6 3780953.7   271.0    3.40     1.45
1.47     YES
 L0001416          0   0.96339E-03  402989.4 3780950.6   270.9    3.40     1.45
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1.47     YES
 L0001417        0   0.96339E-03   402989.3 3780947.5    270.7     3.40      1.45
1.47     YES
 L0001418        0   0.96339E-03   402989.1 3780944.4    270.5     3.40      1.45
1.47     YES
 L0001419        0   0.96339E-03   402988.9 3780941.3    270.3     3.40      1.45
1.47     YES
 L0001420        0   0.96339E-03   402988.7 3780938.1    270.1     3.40      1.45
1.47     YES
 L0001421        0   0.96339E-03   402988.6 3780935.0    269.8     3.40      1.45
1.47     YES
 L0001422        0   0.96339E-03   402988.4 3780931.9    269.6     3.40      1.45
1.47     YES
 L0001423        0   0.96339E-03   402988.2 3780928.8    269.4     3.40      1.45
1.47     YES
 L0001424        0   0.96339E-03   402988.0 3780925.7    269.2     3.40      1.45
1.47     YES
 L0001425        0   0.96339E-03   402987.8 3780922.6    269.0     3.40      1.45
1.47     YES
 L0001426        0   0.96339E-03   402987.7 3780919.5    268.8     3.40      1.45
1.47     YES
 L0001427        0   0.96339E-03   402987.5 3780916.3    268.5     3.40      1.45
1.47     YES
 L0001428        0   0.96339E-03   402987.3 3780913.2    268.3     3.40      1.45
1.47     YES
 L0001429        0   0.96339E-03   402987.1 3780910.1    268.1     3.40      1.45
1.47     YES
 L0001430        0   0.96339E-03   402987.0 3780907.0    267.9     3.40      1.45
1.47     YES
 L0001431        0   0.96339E-03   402986.8 3780903.9    267.6     3.40      1.45
1.47     YES
 L0001432        0   0.96339E-03   402986.6 3780900.8    267.4     3.40      1.45
1.47     YES
 L0001433        0   0.96339E-03   402986.4 3780897.6    267.2     3.40      1.45
1.47     YES
 L0001434        0   0.96339E-03   402986.2 3780894.5    266.9     3.40      1.45
1.47     YES
 L0001435        0   0.96339E-03   402986.1 3780891.4    266.7     3.40      1.45
1.47     YES
 L0001436        0   0.96339E-03   402985.9 3780888.3    266.5     3.40      1.45
1.47     YES
 L0001437        0   0.96339E-03   402985.7 3780885.2    266.3     3.40      1.45
1.47     YES
 L0001438        0   0.96339E-03   402985.5 3780882.1    266.2     3.40      1.45
1.47     YES
 L0001439        0   0.96339E-03   402985.4 3780879.0    266.0     3.40      1.45
1.47     YES
 L0001440        0   0.96339E-03   402985.2 3780875.8    265.8     3.40      1.45
1.47     YES
 L0001441        0   0.96339E-03   402985.0 3780872.7    265.7     3.40      1.45
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1.47     YES
 L0001442         0   0.96339E-03  402984.8 3780869.6   265.5    3.40    1.45
1.47     YES
 L0001443         0   0.96339E-03  402984.6 3780866.5   265.3    3.40    1.45
1.47     YES
 L0001444         0   0.96339E-03  402984.5 3780863.4   265.2    3.40    1.45
1.47     YES
 L0001445         0   0.96339E-03  402984.3 3780860.3   265.0    3.40    1.45
1.47     YES
 L0001446         0   0.96339E-03  402984.1 3780857.2   264.8    3.40    1.45
1.47     YES
 L0001447         0   0.96339E-03  402983.9 3780854.0   264.6    3.40    1.45
1.47     YES
 L0001448         0   0.96339E-03  402983.8 3780850.9   264.4    3.40    1.45
1.47     YES
 L0001449         0   0.96339E-03  402983.6 3780847.8   264.3    3.40    1.45
1.47     YES
 L0001450         0   0.96339E-03  402983.4 3780844.7   264.1    3.40    1.45
1.47     YES
 L0001451         0   0.96339E-03  402983.2 3780841.6   263.9    3.40    1.45
1.47     YES
 L0001452         0   0.96339E-03  402983.0 3780838.5   263.7    3.40    1.45
1.47     YES
 L0001453         0   0.96339E-03  402982.9 3780835.3   263.5    3.40    1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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                                              *** VOLUME SOURCE DATA ***


                 NUMBER EMISSION RATE                     BASE      RELEASE     INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE        PART.  (GRAMS/SEC)     X         Y      ELEV.    HEIGHT      SY
SZ      SOURCE  SCALAR VARY
     ID          CATS.               (METERS)  (METERS) (METERS) (METERS)  (METERS)
(METERS)            BY
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 L0001454         0   0.96339E-03  402982.7 3780832.2   263.4    3.40    1.45
1.47     YES
 L0001455         0   0.96339E-03  402982.5 3780829.1   263.2    3.40    1.45
1.47     YES
 L0001456         0   0.96339E-03  402982.3 3780826.0   263.0    3.40    1.45
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1.47     YES
  L0001457        0   0.96339E-03   402982.2 3780822.9   262.9   3.40   1.45
1.47     YES
  L0001458        0   0.96339E-03   402982.0 3780819.8   262.7   3.40   1.45
1.47     YES
  L0001459        0   0.96339E-03   402981.8 3780816.7   262.5   3.40   1.45
1.47     YES
  L0001460        0   0.96339E-03   402981.6 3780813.5   262.3   3.40   1.45
1.47     YES
  L0001461        0   0.96339E-03   402981.5 3780810.4   262.2   3.40   1.45
1.47     YES
  L0001462        0   0.96339E-03   402981.3 3780807.3   262.0   3.40   1.45
1.47     YES
  L0001463        0   0.96339E-03   402981.1 3780804.2   261.8   3.40   1.45
1.47     YES
  L0001464        0   0.96339E-03   402980.9 3780801.1   261.6   3.40   1.45
1.47     YES
  L0001465        0   0.96339E-03   402980.7 3780798.0   261.5   3.40   1.45
1.47     YES
  L0001466        0   0.96339E-03   402980.6 3780794.9   261.3   3.40   1.45
1.47     YES
  L0001467        0   0.96339E-03   402980.4 3780791.7   261.1   3.40   1.45
1.47     YES
  L0001468        0   0.96339E-03   402980.2 3780788.6   261.0   3.40   1.45
1.47     YES
  L0001469        0   0.96339E-03   402980.0 3780785.5   260.8   3.40   1.45
1.47     YES
  L0001470        0   0.96339E-03   402979.9 3780782.4   260.7   3.40   1.45
1.47     YES
  L0001471        0   0.96339E-03   402979.7 3780779.3   260.5   3.40   1.45
1.47     YES
  L0001472        0   0.96339E-03   402979.5 3780776.2   260.3   3.40   1.45
1.47     YES
  L0001473        0   0.96339E-03   402979.3 3780773.0   260.2   3.40   1.45
1.47     YES
  L0001474        0   0.96339E-03   402979.1 3780769.9   260.0   3.40   1.45
1.47     YES
  L0001475        0   0.96339E-03   402979.0 3780766.8   259.9   3.40   1.45
1.47     YES
  L0001476        0   0.96339E-03   402978.8 3780763.7   259.7   3.40   1.45
1.47     YES
  L0001477        0   0.96339E-03   402978.6 3780760.6   259.6   3.40   1.45
1.47     YES
  L0001478        0   0.96339E-03   402978.4 3780757.5   259.4   3.40   1.45
1.47     YES
  L0001479        0   0.96339E-03   402978.3 3780754.4   259.3   3.40   1.45
1.47     YES
  L0001480        0   0.96339E-03   402978.1 3780751.2   259.1   3.40   1.45
1.47     YES
  L0001481        0   0.96339E-03   402977.9 3780748.1   259.0   3.40   1.45
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 1.47     YES
 L0001482        0   0.96339E-03  402977.7 3780745.0  258.8   3.40    1.45
 1.47     YES
 L0001483        0   0.96339E-03  402977.5 3780741.9  258.7   3.40    1.45
 1.47     YES
 L0001484        0   0.96339E-03  402977.4 3780738.8  258.5   3.40    1.45
 1.47     YES
 L0001485        0   0.96339E-03  402977.2 3780735.7  258.4   3.40    1.45
 1.47     YES
 L0001486        0   0.96339E-03  402977.0 3780732.6  258.2   3.40    1.45
 1.47     YES
 L0001487        0   0.96339E-03  402976.8 3780729.4  258.1   3.40    1.45
 1.47     YES
 L0001488        0   0.96339E-03  402976.7 3780726.3  257.9   3.40    1.45
 1.47     YES
 L0001489        0   0.96339E-03  402976.5 3780723.2  257.8   3.40    1.45
 1.47     YES
 L0001490        0   0.96339E-03  402976.3 3780720.1  257.7   3.40    1.45
 1.47     YES
 L0001491        0   0.96339E-03  402976.1 3780717.0  257.5   3.40    1.45
 1.47     YES
 L0001492        0   0.96339E-03  402975.9 3780713.9  257.4   3.40    1.45
 1.47     YES
 L0001493        0   0.96339E-03  402975.8 3780710.8  257.2   3.40    1.45
 1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
    ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0001494        0   0.96339E-03  402975.6 3780707.6  257.1   3.40    1.45
 1.47     YES
 L0001495        0   0.96339E-03  402975.4 3780704.5  256.9   3.40    1.45
 1.47     YES
 L0001496        0   0.96339E-03  402975.2 3780701.4  256.8   3.40    1.45
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1.47     YES
  L0001497          0   0.96339E-03  402975.1 3780698.3   256.7    3.40    1.45
1.47     YES
  L0001498          0   0.96339E-03  402974.9 3780695.2   256.5    3.40    1.45
1.47     YES
  L0001499          0   0.96339E-03  402974.7 3780692.1   256.4    3.40    1.45
1.47     YES
  L0001500          0   0.96339E-03  402974.5 3780688.9   256.2    3.40    1.45
1.47     YES
  L0001501          0   0.96339E-03  402974.3 3780685.8   256.1    3.40    1.45
1.47     YES
  L0001502          0   0.96339E-03  402974.2 3780682.7   256.0    3.40    1.45
1.47     YES
  L0001503          0   0.96339E-03  402974.0 3780679.6   255.8    3.40    1.45
1.47     YES
  L0001504          0   0.96339E-03  402973.8 3780676.5   255.7    3.40    1.45
1.47     YES
  L0001505          0   0.96339E-03  402973.6 3780673.4   255.6    3.40    1.45
1.47     YES
  L0001506          0   0.96339E-03  402973.5 3780670.3   255.5    3.40    1.45
1.47     YES
  L0001507          0   0.96339E-03  402973.3 3780667.1   255.3    3.40    1.45
1.47     YES
  L0001508          0   0.96339E-03  402973.1 3780664.0   255.2    3.40    1.45
1.47     YES
  L0001509          0   0.96339E-03  402972.9 3780660.9   255.1    3.40    1.45
1.47     YES
  L0001510          0   0.96339E-03  402972.7 3780657.8   254.9    3.40    1.45
1.47     YES
  L0001511          0   0.96339E-03  402972.6 3780654.7   254.8    3.40    1.45
1.47     YES
  L0001512          0   0.96339E-03  402972.4 3780651.6   254.7    3.40    1.45
1.47     YES
  L0001513          0   0.96339E-03  402972.2 3780648.5   254.6    3.40    1.45
1.47     YES
  L0001514          0   0.96339E-03  402972.0 3780645.3   254.4    3.40    1.45
1.47     YES
  L0001515          0   0.96339E-03  402971.9 3780642.2   254.3    3.40    1.45
1.47     YES
  L0001516          0   0.96339E-03  402971.7 3780639.1   254.2    3.40    1.45
1.47     YES
  L0001517          0   0.96339E-03  402971.5 3780636.0   254.0    3.40    1.45
1.47     YES
  L0001518          0   0.96339E-03  402971.3 3780632.9   253.9    3.40    1.45
1.47     YES
  L0001519          0   0.96339E-03  402971.1 3780629.8   253.7    3.40    1.45
1.47     YES
  L0001520          0   0.96339E-03  402971.0 3780626.6   253.6    3.40    1.45
1.47     YES
  L0001521          0   0.96339E-03  402970.8 3780623.5   253.4    3.40    1.45
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1.47     YES
 L0001522        0   0.96339E-03  402970.6 3780620.4   253.3    3.40     1.45
1.47     YES
 L0001523        0   0.96339E-03  402970.4 3780617.3   253.2    3.40     1.45
1.47     YES
 L0001524        0   0.96339E-03  402970.3 3780614.2   253.0    3.40     1.45
1.47     YES
 L0001525        0   0.96339E-03  402970.1 3780611.1   252.9    3.40     1.45
1.47     YES
 L0001526        0   0.96339E-03  402969.9 3780608.0   252.8    3.40     1.45
1.47     YES
 L0001527        0   0.96339E-03  402969.7 3780604.8   252.6    3.40     1.45
1.47     YES
 L0001528        0   0.96339E-03  402969.5 3780601.7   252.4    3.40     1.45
1.47     YES
 L0001529        0   0.96339E-03  402969.4 3780598.6   252.3    3.40     1.45
1.47     YES
 L0001530        0   0.96339E-03  402969.2 3780595.5   252.1    3.40     1.45
1.47     YES
 L0001531        0   0.96339E-03  402969.0 3780592.4   252.0    3.40     1.45
1.47     YES
 L0001532        0   0.96339E-03  402968.8 3780589.3   251.8    3.40     1.45
1.47     YES
 L0001533        0   0.96339E-03  402968.7 3780586.2   251.7    3.40     1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 30
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                              *** VOLUME SOURCE DATA ***

            NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
    ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0001534   0   0.96339E-03 402968.5 3780583.0   251.6   3.40   1.45
1.47   YES
 L0001535   0   0.96339E-03 402968.3 3780579.9   251.4   3.40   1.45
1.47   YES
 L0001536   0   0.96339E-03 402968.1 3780576.8   251.3   3.40   1.45

```
1.47     YES
  L0001537        0   0.96339E-03   402967.9 3780573.7   251.2    3.40    1.45
1.47     YES
  L0001538        0   0.96339E-03   402967.8 3780570.6   251.0    3.40    1.45
1.47     YES
  L0001539        0   0.96339E-03   402967.6 3780567.5   250.9    3.40    1.45
1.47     YES
  L0001540        0   0.96339E-03   402967.4 3780564.3   250.7    3.40    1.45
1.47     YES
  L0001541        0   0.96339E-03   402967.2 3780561.2   250.5    3.40    1.45
1.47     YES
  L0001542        0   0.96339E-03   402967.1 3780558.1   250.4    3.40    1.45
1.47     YES
  L0001543        0   0.96339E-03   402966.9 3780555.0   250.2    3.40    1.45
1.47     YES
  L0001544        0   0.96339E-03   402966.7 3780551.9   250.1    3.40    1.45
1.47     YES
  L0001545        0   0.96339E-03   402966.5 3780548.8   249.9    3.40    1.45
1.47     YES
  L0001546        0   0.96339E-03   402966.3 3780545.7   249.8    3.40    1.45
1.47     YES
  L0001547        0   0.96339E-03   402966.2 3780542.5   249.7    3.40    1.45
1.47     YES
  L0001548        0   0.96339E-03   402966.0 3780539.4   249.5    3.40    1.45
1.47     YES
  L0001549        0   0.96339E-03   402965.8 3780536.3   249.4    3.40    1.45
1.47     YES
  L0001550        0   0.96339E-03   402965.6 3780533.2   249.2    3.40    1.45
1.47     YES
  L0001551        0   0.96339E-03   402965.5 3780530.1   249.1    3.40    1.45
1.47     YES
  L0001552        0   0.96339E-03   402965.3 3780527.0   248.9    3.40    1.45
1.47     YES
  L0001553        0   0.96339E-03   402965.1 3780523.9   248.8    3.40    1.45
1.47     YES
  L0001554        0   0.96339E-03   402964.9 3780520.7   248.6    3.40    1.45
1.47     YES
  L0001555        0   0.96339E-03   402964.7 3780517.6   248.5    3.40    1.45
1.47     YES
  L0001556        0   0.96339E-03   402964.6 3780514.5   248.3    3.40    1.45
1.47     YES
  L0001557        0   0.96339E-03   402964.4 3780511.4   248.2    3.40    1.45
1.47     YES
  L0001558        0   0.96339E-03   402964.2 3780508.3   248.0    3.40    1.45
1.47     YES
  L0001559        0   0.96339E-03   402964.0 3780505.2   247.9    3.40    1.45
1.47     YES
  L0001560        0   0.96339E-03   402963.9 3780502.1   247.7    3.40    1.45
1.47     YES
  L0001561        0   0.96339E-03   402963.7 3780498.9   247.6    3.40    1.45
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1.47     YES
 L0001562        0   0.96339E-03  402963.5 3780495.8   247.4    3.40     1.45
1.47     YES
 L0001563        0   0.96339E-03  402963.3 3780492.7   247.3    3.40     1.45
1.47     YES
 L0001564        0   0.96339E-03  402963.1 3780489.6   247.1    3.40     1.45
1.47     YES
 L0001565        0   0.96339E-03  402963.0 3780486.5   247.0    3.40     1.45
1.47     YES
 L0001566        0   0.96339E-03  402962.8 3780483.4   246.9    3.40     1.45
1.47     YES
 L0001567        0   0.96339E-03  402962.6 3780480.2   246.7    3.40     1.45
1.47     YES
 L0001568        0   0.96339E-03  402962.4 3780477.1   246.6    3.40     1.45
1.47     YES
 L0001569        0   0.96339E-03  402962.3 3780474.0   246.4    3.40     1.45
1.47     YES
 L0001570        0   0.96339E-03  402962.1 3780470.9   246.2    3.40     1.45
1.47     YES
 L0001571        0   0.96339E-03  402961.9 3780467.8   246.1    3.40     1.45
1.47     YES
 L0001572        0   0.96339E-03  402961.7 3780464.7   245.9    3.40     1.45
1.47     YES
 L0001573        0   0.96339E-03  402961.5 3780461.6   245.8    3.40     1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** VOLUME SOURCE DATA ***

```
            NUMBER EMISSION RATE                   BASE    RELEASE    INIT.
INIT.  URBAN EMISSION RATE
   SOURCE     PART. (GRAMS/SEC)    X        Y      ELEV.   HEIGHT     SY
SZ     SOURCE SCALAR VARY
    ID        CATS.             (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)           BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 L0001574        0   0.96339E-03  402961.3 3780458.4   245.6    3.40     1.45
1.47     YES
 L0001575        0   0.96339E-03  402961.1 3780455.3   245.5    3.40     1.45
1.47     YES
 L0001576        0   0.96339E-03  402960.9 3780452.2   245.3    3.40     1.45
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1.47      YES
  L0001577        0    0.96339E-03   402960.7 3780449.1    245.2    3.40     1.45
1.47      YES
  L0001578        0    0.96339E-03   402960.5 3780446.0    245.0    3.40     1.45
1.47      YES
  L0001579        0    0.96339E-03   402960.3 3780442.9    244.9    3.40     1.45
1.47      YES
  L0001580        0    0.96339E-03   402960.0 3780439.8    244.7    3.40     1.45
1.47      YES
  L0001581        0    0.96339E-03   402959.8 3780436.7    244.6    3.40     1.45
1.47      YES
  L0001582        0    0.96339E-03   402959.6 3780433.5    244.4    3.40     1.45
1.47      YES
  L0001583        0    0.96339E-03   402959.4 3780430.4    244.3    3.40     1.45
1.47      YES
  L0001584        0    0.96339E-03   402959.2 3780427.3    244.2    3.40     1.45
1.47      YES
  L0001585        0    0.96339E-03   402959.0 3780424.2    244.0    3.40     1.45
1.47      YES
  L0001586        0    0.96339E-03   402958.8 3780421.1    243.9    3.40     1.45
1.47      YES
  L0001587        0    0.96339E-03   402958.6 3780418.0    243.7    3.40     1.45
1.47      YES
  L0001588        0    0.96339E-03   402958.4 3780414.9    243.6    3.40     1.45
1.47      YES
  L0001589        0    0.96339E-03   402958.2 3780411.7    243.4    3.40     1.45
1.47      YES
  L0001590        0    0.96339E-03   402958.0 3780408.6    243.3    3.40     1.45
1.47      YES
  L0001591        0    0.96339E-03   402957.8 3780405.5    243.1    3.40     1.45
1.47      YES
  L0001592        0    0.96339E-03   402957.6 3780402.4    243.0    3.40     1.45
1.47      YES
  L0001593        0    0.96339E-03   402957.4 3780399.3    242.8    3.40     1.45
1.47      YES
  L0001594        0    0.96339E-03   402957.2 3780396.2    242.7    3.40     1.45
1.47      YES
  L0001595        0    0.96339E-03   402957.0 3780393.1    242.5    3.40     1.45
1.47      YES
  L0001596        0    0.96339E-03   402956.8 3780390.0    242.4    3.40     1.45
1.47      YES
  L0001597        0    0.96339E-03   402956.6 3780386.8    242.2    3.40     1.45
1.47      YES
  L0001598        0    0.96339E-03   402956.4 3780383.7    242.0    3.40     1.45
1.47      YES
  L0001599        0    0.96339E-03   402956.2 3780380.6    241.9    3.40     1.45
1.47      YES
  L0001600        0    0.96339E-03   402956.0 3780377.5    241.7    3.40     1.45
1.47      YES
  L0001601        0    0.96339E-03   402955.8 3780374.4    241.6    3.40     1.45
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 1.47     YES
 L0001602         0   0.96339E-03  402955.6 3780371.3   241.4    3.40     1.45
 1.47     YES
 L0001603         0   0.96339E-03  402955.4 3780368.2   241.2    3.40     1.45
 1.47     YES
 L0001604         0   0.96339E-03  402955.1 3780365.0   241.1    3.40     1.45
 1.47     YES
 L0001605         0   0.96339E-03  402954.9 3780361.9   240.9    3.40     1.45
 1.47     YES
 L0001606         0   0.96339E-03  402954.7 3780358.8   240.7    3.40     1.45
 1.47     YES
 L0001607         0   0.96339E-03  402954.5 3780355.7   240.6    3.40     1.45
 1.47     YES
 L0001608         0   0.96339E-03  402954.3 3780352.6   240.4    3.40     1.45
 1.47     YES
 L0001609         0   0.96339E-03  402954.1 3780349.5   240.2    3.40     1.45
 1.47     YES
 L0001610         0   0.96339E-03  402953.9 3780346.4   240.0    3.40     1.45
 1.47     YES
 L0001611         0   0.96339E-03  402953.7 3780343.3   239.9    3.40     1.45
 1.47     YES
 L0001612         0   0.96339E-03  402953.5 3780340.1   239.7    3.40     1.45
 1.47     YES
 L0001613         0   0.96339E-03  402953.3 3780337.0   239.5    3.40     1.45
 1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 32
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
    SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
 - - - - - - - - - - - - - - - - - -

 L0001614   0   0.96339E-03 402953.1 3780333.9   239.4   3.40   1.45
 1.47   YES
 L0001615   0   0.96339E-03 402952.9 3780330.8   239.2   3.40   1.45
 1.47   YES
 L0001616   0   0.96339E-03 402952.7 3780327.7   239.1   3.40   1.45

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1.47     YES
 L0001617        0   0.96339E-03  402952.5 3780324.6   238.9    3.40     1.45
1.47     YES
 L0001618        0   0.96339E-03  402952.3 3780321.5   238.7    3.40     1.45
1.47     YES
 L0001619        0   0.96339E-03  402952.1 3780318.3   238.6    3.40     1.45
1.47     YES
 L0001620        0   0.96339E-03  402951.9 3780315.2   238.4    3.40     1.45
1.47     YES
 L0001621        0   0.96339E-03  402951.7 3780312.1   238.3    3.40     1.45
1.47     YES
 L0001622        0   0.96339E-03  402951.5 3780309.0   238.1    3.40     1.45
1.47     YES
 L0001623        0   0.96339E-03  402951.3 3780305.9   238.0    3.40     1.45
1.47     YES
 L0001624        0   0.96339E-03  402951.1 3780302.8   237.8    3.40     1.45
1.47     YES
 L0001625        0   0.96339E-03  402950.9 3780299.7   237.7    3.40     1.45
1.47     YES
 L0001626        0   0.96339E-03  402950.7 3780296.6   237.6    3.40     1.45
1.47     YES
 L0001627        0   0.96339E-03  402950.5 3780293.4   237.4    3.40     1.45
1.47     YES
 L0001628        0   0.96339E-03  402950.2 3780290.3   237.2    3.40     1.45
1.47     YES
 L0001629        0   0.96339E-03  402950.0 3780287.2   237.1    3.40     1.45
1.47     YES
 L0001630        0   0.96339E-03  402949.8 3780284.1   236.9    3.40     1.45
1.47     YES
 L0001631        0   0.96339E-03  402949.6 3780281.0   236.8    3.40     1.45
1.47     YES
 L0001632        0   0.96339E-03  402949.4 3780277.9   236.6    3.40     1.45
1.47     YES
 L0001633        0   0.96339E-03  402949.2 3780274.8   236.5    3.40     1.45
1.47     YES
 L0001634        0   0.96339E-03  402949.0 3780271.6   236.4    3.40     1.45
1.47     YES
 L0001635        0   0.96339E-03  402948.8 3780268.5   236.2    3.40     1.45
1.47     YES
 L0001636        0   0.96339E-03  402948.6 3780265.4   236.1    3.40     1.45
1.47     YES
 L0001637        0   0.96339E-03  402948.4 3780262.3   235.9    3.40     1.45
1.47     YES
 L0001638        0   0.96339E-03  402948.2 3780259.2   235.8    3.40     1.45
1.47     YES
 L0001639        0   0.96339E-03  402948.0 3780256.1   235.6    3.40     1.45
1.47     YES
 L0001640        0   0.96339E-03  402947.8 3780253.0   235.5    3.40     1.45
1.47     YES
 L0001641        0   0.96339E-03  402947.6 3780249.9   235.3    3.40     1.45
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1.47      YES
 L0001642         0   0.96339E-03  402947.4 3780246.7   235.2    3.40     1.45
1.47      YES
 L0001643         0   0.96339E-03  402947.2 3780243.6   235.0    3.40     1.45
1.47      YES
 L0001644         0   0.96339E-03  402947.0 3780240.5   234.9    3.40     1.45
1.47      YES
 L0001645         0   0.96339E-03  402946.8 3780237.4   234.7    3.40     1.45
1.47      YES
 L0001646         0   0.96339E-03  402946.6 3780234.3   234.6    3.40     1.45
1.47      YES
 L0001647         0   0.96339E-03  402946.4 3780231.2   234.4    3.40     1.45
1.47      YES
 L0001648         0   0.96339E-03  402946.2 3780228.1   234.3    3.40     1.45
1.47      YES
 L0001649         0   0.96339E-03  402946.0 3780224.9   234.1    3.40     1.45
1.47      YES
 L0001650         0   0.96339E-03  402945.8 3780221.8   234.0    3.40     1.45
1.47      YES
 L0001651         0   0.96339E-03  402945.6 3780218.7   233.9    3.40     1.45
1.47      YES
 L0001652         0   0.96339E-03  402945.3 3780215.6   233.7    3.40     1.45
1.47      YES
 L0001653         0   0.96339E-03  402945.1 3780212.5   233.6    3.40     1.45
1.47      YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001654	0	0.96339E-03	402944.9	3780209.4	233.4	3.40	1.45	1.47	YES	
L0001655	0	0.96339E-03	402944.7	3780206.3	233.2	3.40	1.45	1.47	YES	
L0001656	0	0.96339E-03	402944.5	3780203.2	233.1	3.40	1.45			

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1.47      YES
  L0001657        0   0.96339E-03   402944.3 3780200.0   233.0   3.40   1.45
1.47      YES
  L0001658        0   0.96339E-03   402944.1 3780196.9   232.8   3.40   1.45
1.47      YES
  L0001659        0   0.96339E-03   402943.9 3780193.8   232.7   3.40   1.45
1.47      YES
  L0001660        0   0.96339E-03   402943.7 3780190.7   232.5   3.40   1.45
1.47      YES
  L0001661        0   0.96339E-03   402943.5 3780187.6   232.3   3.40   1.45
1.47      YES
  L0001662        0   0.96339E-03   402943.3 3780184.5   232.2   3.40   1.45
1.47      YES
  L0001663        0   0.96339E-03   402943.1 3780181.4   232.0   3.40   1.45
1.47      YES
  L0001664        0   0.96339E-03   402942.9 3780178.2   231.9   3.40   1.45
1.47      YES
  L0001665        0   0.96339E-03   402942.7 3780175.1   231.7   3.40   1.45
1.47      YES
  L0001666        0   0.96339E-03   402942.5 3780172.0   231.6   3.40   1.45
1.47      YES
  L0001667        0   0.96339E-03   402942.3 3780168.9   231.4   3.40   1.45
1.47      YES
  L0001668        0   0.96339E-03   402942.1 3780165.8   231.2   3.40   1.45
1.47      YES
  L0001669        0   0.96339E-03   402941.9 3780162.7   231.1   3.40   1.45
1.47      YES
  L0001670        0   0.96339E-03   402941.7 3780159.6   230.9   3.40   1.45
1.47      YES
  L0001671        0   0.96339E-03   402941.5 3780156.5   230.7   3.40   1.45
1.47      YES
  L0001672        0   0.96339E-03   402941.3 3780153.3   230.6   3.40   1.45
1.47      YES
  L0001673        0   0.96339E-03   402941.1 3780150.2   230.4   3.40   1.45
1.47      YES
  L0001674        0   0.96339E-03   402940.9 3780147.1   230.2   3.40   1.45
1.47      YES
  L0001675        0   0.96339E-03   402940.7 3780144.0   230.1   3.40   1.45
1.47      YES
  L0001676        0   0.96339E-03   402940.5 3780140.9   229.9   3.40   1.45
1.47      YES
  L0001677        0   0.96339E-03   402940.2 3780137.8   229.8   3.40   1.45
1.47      YES
  L0001678        0   0.96339E-03   402940.0 3780134.7   229.6   3.40   1.45
1.47      YES
  L0001679        0   0.96339E-03   402939.8 3780131.5   229.5   3.40   1.45
1.47      YES
  L0001680        0   0.96339E-03   402939.6 3780128.4   229.3   3.40   1.45
1.47      YES
  L0001681        0   0.96339E-03   402939.4 3780125.3   229.2   3.40   1.45
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1.47     YES
 L0001682        0   0.96339E-03  402939.2 3780122.2  229.0   3.40    1.45
1.47     YES
 L0001683        0   0.96339E-03  402939.0 3780119.1  228.9   3.40    1.45
1.47     YES
 L0001684        0   0.96339E-03  402938.8 3780116.0  228.7   3.40    1.45
1.47     YES
 L0001685        0   0.96339E-03  402938.6 3780112.9  228.6   3.40    1.45
1.47     YES
 L0001686        0   0.96339E-03  402938.4 3780109.8  228.4   3.40    1.45
1.47     YES
 L0001687        0   0.96339E-03  402938.2 3780106.6  228.2   3.40    1.45
1.47     YES
 L0001688        0   0.96339E-03  402938.0 3780103.5  228.1   3.40    1.45
1.47     YES
 L0001689        0   0.96339E-03  402937.8 3780100.4  227.9   3.40    1.45
1.47     YES
 L0001690        0   0.96339E-03  402937.6 3780097.3  227.8   3.40    1.45
1.47     YES
 L0001691        0   0.96339E-03  402937.4 3780094.2  227.6   3.40    1.45
1.47     YES
 L0001692        0   0.96339E-03  402937.2 3780091.1  227.5   3.40    1.45
1.47     YES
 L0001693        0   0.96339E-03  402937.0 3780088.0  227.3   3.40    1.45
1.47     YES
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 34
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                            *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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- - - - - - - - - - - - - - - - - -

 L0001694   0   0.96339E-03 402936.8 3780084.8 227.1   3.40   1.45
1.47   YES
 L0001695   0   0.96339E-03 402936.6 3780081.7 227.0   3.40   1.45
1.47   YES
 L0001696   0   0.96339E-03 402936.4 3780078.6 226.8   3.40   1.45
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1.47     YES
 L0001697      0   0.96339E-03   402936.2 3780075.5   226.7   3.40    1.45
1.47     YES
 L0001698      0   0.96339E-03   402936.0 3780072.4   226.5   3.40    1.45
1.47     YES
 L0001699      0   0.96339E-03   402935.8 3780069.3   226.4   3.40    1.45
1.47     YES
 L0001700      0   0.96339E-03   402935.5 3780066.2   226.2   3.40    1.45
1.47     YES
 L0001701      0   0.96339E-03   402935.3 3780063.1   226.1   3.40    1.45
1.47     YES
 L0001702      0   0.96339E-03   402935.1 3780059.9   225.9   3.40    1.45
1.47     YES
 L0001703      0   0.96339E-03   402934.9 3780056.8   225.7   3.40    1.45
1.47     YES
 L0001704      0   0.96339E-03   402934.7 3780053.7   225.6   3.40    1.45
1.47     YES
 L0001705      0   0.96339E-03   402934.5 3780050.6   225.4   3.40    1.45
1.47     YES
 L0001706      0   0.96339E-03   402934.3 3780047.5   225.3   3.40    1.45
1.47     YES
 L0001707      0   0.96339E-03   402934.1 3780044.4   225.1   3.40    1.45
1.47     YES
 L0001708      0   0.96339E-03   402933.9 3780041.3   224.9   3.40    1.45
1.47     YES
 L0001709      0   0.96339E-03   402933.7 3780038.1   224.8   3.40    1.45
1.47     YES
 L0001710      0   0.96339E-03   402933.5 3780035.0   224.6   3.40    1.45
1.47     YES
 L0001711      0   0.96339E-03   402933.3 3780031.9   224.5   3.40    1.45
1.47     YES
 L0001712      0   0.96339E-03   402933.1 3780028.8   224.3   3.40    1.45
1.47     YES
 L0001713      0   0.96339E-03   402932.9 3780025.7   224.1   3.40    1.45
1.47     YES
 L0001714      0   0.96339E-03   402932.7 3780022.6   224.0   3.40    1.45
1.47     YES
 L0001715      0   0.96339E-03   402932.5 3780019.5   223.8   3.40    1.45
1.47     YES
 L0001716      0   0.96339E-03   402932.3 3780016.4   223.7   3.40    1.45
1.47     YES
 L0001717      0   0.96339E-03   402932.1 3780013.2   223.5   3.40    1.45
1.47     YES
 L0001718      0   0.96339E-03   402931.9 3780010.1   223.3   3.40    1.45
1.47     YES
 L0001719      0   0.96339E-03   402931.7 3780007.0   223.2   3.40    1.45
1.47     YES
 L0001720      0   0.96339E-03   402931.5 3780003.9   223.0   3.40    1.45
1.47     YES
 L0001721      0   0.96339E-03   402931.3 3780000.8   222.9   3.40    1.45
```

```
1.47     YES
 L0001722           0   0.96339E-03  402931.1 3779997.7   222.8    3.40     1.45
1.47     YES
 L0001723           0   0.96339E-03  402930.9 3779994.6   222.6    3.40     1.45
1.47     YES
 L0001724           0   0.96339E-03  402930.7 3779991.4   222.5    3.40     1.45
1.47     YES
 L0001725           0   0.96339E-03  402930.4 3779988.3   222.3    3.40     1.45
1.47     YES
 L0001726           0   0.96339E-03  402930.2 3779985.2   222.2    3.40     1.45
1.47     YES
 L0001727           0   0.96339E-03  402930.0 3779982.1   222.0    3.40     1.45
1.47     YES
 L0001728           0   0.96339E-03  402929.8 3779979.0   221.9    3.40     1.45
1.47     YES
 L0001729           0   0.96339E-03  402929.6 3779975.9   221.8    3.40     1.45
1.47     YES
 L0001730           0   0.96339E-03  402929.4 3779972.8   221.6    3.40     1.45
1.47     YES
 L0001731           0   0.96339E-03  402929.2 3779969.7   221.5    3.40     1.45
1.47     YES
 L0001732           0   0.96339E-03  402929.0 3779966.5   221.3    3.40     1.45
1.47     YES
 L0001733           0   0.96339E-03  402928.8 3779963.4   221.2    3.40     1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                        *** VOLUME SOURCE DATA ***

           NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT. URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
    ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- - - - - - - - - - - - - - - - - -

 L0001734   0   0.96339E-03 402928.6 3779960.3   221.1   3.40   1.45
1.47   YES
 L0001735   0   0.96339E-03 402928.4 3779957.2   220.9   3.40   1.45
1.47   YES
 L0001736   0   0.96339E-03 402928.2 3779954.1   220.8   3.40   1.45

```
1.47      YES
  L0001737        0    0.96339E-03   402928.0 3779951.0   220.6    3.40      1.45
1.47      YES
  L0001738        0    0.96339E-03   402927.8 3779947.9   220.5    3.40      1.45
1.47      YES
  L0001739        0    0.96339E-03   402927.6 3779944.8   220.3    3.40      1.45
1.47      YES
  L0001740        0    0.96339E-03   402927.4 3779941.6   220.2    3.40      1.45
1.47      YES
  L0001741        0    0.96339E-03   402927.2 3779938.5   220.1    3.40      1.45
1.47      YES
  L0001742        0    0.96339E-03   402927.0 3779935.4   219.9    3.40      1.45
1.47      YES
  L0001743        0    0.96339E-03   402926.8 3779932.3   219.8    3.40      1.45
1.47      YES
  L0001744        0    0.96339E-03   402926.6 3779929.2   219.6    3.40      1.45
1.47      YES
  L0001745        0    0.96339E-03   402926.4 3779926.1   219.5    3.40      1.45
1.47      YES
  L0001746        0    0.96339E-03   402926.2 3779923.0   219.3    3.40      1.45
1.47      YES
  L0001747        0    0.96339E-03   402926.0 3779919.8   219.2    3.40      1.45
1.47      YES
  L0001748        0    0.96339E-03   402925.8 3779916.7   219.1    3.40      1.45
1.47      YES
  L0001749        0    0.96339E-03   402925.5 3779913.6   218.9    3.40      1.45
1.47      YES
  L0001750        0    0.96339E-03   402925.3 3779910.5   218.8    3.40      1.45
1.47      YES
  L0001751        0    0.96339E-03   402925.1 3779907.4   218.6    3.40      1.45
1.47      YES
  L0001752        0    0.96339E-03   402924.9 3779904.3   218.5    3.40      1.45
1.47      YES
  L0001753        0    0.96339E-03   402924.7 3779901.2   218.3    3.40      1.45
1.47      YES
  L0001754        0    0.96339E-03   402924.5 3779898.1   218.2    3.40      1.45
1.47      YES
  L0001755        0    0.96339E-03   402924.3 3779894.9   218.0    3.40      1.45
1.47      YES
  L0001756        0    0.96339E-03   402924.1 3779891.8   217.9    3.40      1.45
1.47      YES
  L0001757        0    0.96339E-03   402923.9 3779888.7   217.7    3.40      1.45
1.47      YES
  L0001758        0    0.96339E-03   402923.7 3779885.6   217.6    3.40      1.45
1.47      YES
  L0001759        0    0.96339E-03   402923.5 3779882.5   217.5    3.40      1.45
1.47      YES
  L0001760        0    0.96339E-03   402923.3 3779879.4   217.3    3.40      1.45
1.47      YES
  L0001761        0    0.96339E-03   402923.1 3779876.3   217.2    3.40      1.45
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1.47      YES
 L0001762         0   0.96339E-03  402923.0 3779873.1   217.0    3.40     1.45
1.47      YES
 L0001763         0   0.96339E-03  402922.8 3779870.0   216.9    3.40     1.45
1.47      YES
 L0001764         0   0.96339E-03  402922.6 3779866.9   216.7    3.40     1.45
1.47      YES
 L0001765         0   0.96339E-03  402922.4 3779863.8   216.6    3.40     1.45
1.47      YES
 L0001766         0   0.96339E-03  402922.2 3779860.7   216.4    3.40     1.45
1.47      YES
 L0001767         0   0.96339E-03  402922.0 3779857.6   216.3    3.40     1.45
1.47      YES
 L0001768         0   0.96339E-03  402921.8 3779854.5   216.1    3.40     1.45
1.47      YES
 L0001769         0   0.96339E-03  402921.7 3779851.3   216.0    3.40     1.45
1.47      YES
 L0001770         0   0.96339E-03  402921.5 3779848.2   215.9    3.40     1.45
1.47      YES
 L0001771         0   0.96339E-03  402921.3 3779845.1   215.7    3.40     1.45
1.47      YES
 L0001772         0   0.96339E-03  402921.1 3779842.0   215.6    3.40     1.45
1.47      YES
 L0001773         0   0.96339E-03  402920.9 3779838.9   215.4    3.40     1.45
1.47      YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** VOLUME SOURCE DATA ***

```
               NUMBER EMISSION RATE                 BASE     RELEASE    INIT.
INIT.   URBAN EMISSION RATE
   SOURCE      PART.  (GRAMS/SEC)     X        Y     ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)          BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - -

 L0001774         0   0.96339E-03  402920.7 3779835.8   215.3    3.40     1.45
1.47      YES
 L0001775         0   0.96339E-03  402920.5 3779832.7   215.1    3.40     1.45
1.47      YES
 L0001776         0   0.96339E-03  402920.4 3779829.5   215.0    3.40     1.45
```

```
         1.47      YES
  L0001777          0    0.96339E-03   402920.2 3779826.4   214.8    3.40    1.45
         1.47      YES
  L0001778          0    0.96339E-03   402920.0 3779823.3   214.7    3.40    1.45
         1.47      YES
  L0001779          0    0.96339E-03   402919.8 3779820.2   214.5    3.40    1.45
         1.47      YES
  L0001780          0    0.96339E-03   402919.6 3779817.1   214.4    3.40    1.45
         1.47      YES
  L0001781          0    0.96339E-03   402919.4 3779814.0   214.2    3.40    1.45
         1.47      YES
  L0001782          0    0.96339E-03   402919.2 3779810.9   214.1    3.40    1.45
         1.47      YES
  L0001783          0    0.96339E-03   402919.1 3779807.7   213.9    3.40    1.45
         1.47      YES
  L0001784          0    0.96339E-03   402918.9 3779804.6   213.8    3.40    1.45
         1.47      YES
  L0001785          0    0.96339E-03   402918.7 3779801.5   213.7    3.40    1.45
         1.47      YES
  L0001786          0    0.96339E-03   402918.5 3779798.4   213.5    3.40    1.45
         1.47      YES
  L0001787          0    0.96339E-03   402918.3 3779795.3   213.4    3.40    1.45
         1.47      YES
  L0001788          0    0.96339E-03   402918.1 3779792.2   213.2    3.40    1.45
         1.47      YES
  L0001789          0    0.96339E-03   402917.9 3779789.0   213.1    3.40    1.45
         1.47      YES
  L0001790          0    0.96339E-03   402917.8 3779785.9   213.0    3.40    1.45
         1.47      YES
  L0001791          0    0.96339E-03   402917.6 3779782.8   212.8    3.40    1.45
         1.47      YES
  L0001792          0    0.96339E-03   402917.4 3779779.7   212.7    3.40    1.45
         1.47      YES
  L0001793          0    0.96339E-03   402917.2 3779776.6   212.6    3.40    1.45
         1.47      YES
  L0001794          0    0.96339E-03   402917.0 3779773.5   212.4    3.40    1.45
         1.47      YES
  L0001795          0    0.96339E-03   402916.8 3779770.4   212.3    3.40    1.45
         1.47      YES
  L0001796          0    0.96339E-03   402916.6 3779767.2   212.2    3.40    1.45
         1.47      YES
  L0001797          0    0.96339E-03   402916.5 3779764.1   212.0    3.40    1.45
         1.47      YES
  L0001798          0    0.96339E-03   402916.3 3779761.0   211.9    3.40    1.45
         1.47      YES
  L0001799          0    0.96339E-03   402916.1 3779757.9   211.8    3.40    1.45
         1.47      YES
  L0001800          0    0.96339E-03   402915.9 3779754.8   211.6    3.40    1.45
         1.47      YES
  L0001801          0    0.96339E-03   402915.7 3779751.7   211.5    3.40    1.45
```

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1.47     YES
 L0001802          0   0.96339E-03  402915.5 3779748.6   211.4    3.40     1.45
1.47     YES
 L0001803          0   0.96339E-03  402915.3 3779745.4   211.3    3.40     1.45
1.47     YES
 L0001804          0   0.96339E-03  402915.2 3779742.3   211.1    3.40     1.45
1.47     YES
 L0001805          0   0.96339E-03  402915.0 3779739.2   211.0    3.40     1.45
1.47     YES
 L0001806          0   0.96339E-03  402914.8 3779736.1   210.9    3.40     1.45
1.47     YES
 L0001807          0   0.96339E-03  402914.6 3779733.0   210.7    3.40     1.45
1.47     YES
 L0001808          0   0.96339E-03  402914.4 3779729.9   210.6    3.40     1.45
1.47     YES
 L0001809          0   0.96339E-03  402914.2 3779726.8   210.5    3.40     1.45
1.47     YES
 L0001810          0   0.96339E-03  402914.0 3779723.6   210.3    3.40     1.45
1.47     YES
 L0001811          0   0.96339E-03  402913.9 3779720.5   210.2    3.40     1.45
1.47     YES
 L0001812          0   0.96339E-03  402913.7 3779717.4   210.0    3.40     1.45
1.47     YES
 L0001813          0   0.96339E-03  402913.5 3779714.3   209.9    3.40     1.45
1.47     YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY	URBAN SOURCE
L0001814	0	0.96339E-03	402913.3	3779711.2	209.8	3.40	1.45	1.47		YES
L0001815	0	0.96339E-03	402913.1	3779708.1	209.6	3.40	1.45	1.47		YES
L0001816	0	0.96339E-03	402912.9	3779705.0	209.5	3.40	1.45			

```
1.47    YES
 L0001817        0   0.96339E-03   402912.7 3779701.8   209.3    3.40    1.45
1.47    YES
 L0001818        0   0.96339E-03   402912.6 3779698.7   209.2    3.40    1.45
1.47    YES
 L0001819        0   0.96339E-03   402912.4 3779695.6   209.0    3.40    1.45
1.47    YES
 L0001820        0   0.96339E-03   402912.2 3779692.5   208.9    3.40    1.45
1.47    YES
 L0001821        0   0.96339E-03   402912.0 3779689.4   208.7    3.40    1.45
1.47    YES
 L0001822        0   0.96339E-03   402911.8 3779686.3   208.6    3.40    1.45
1.47    YES
 L0001823        0   0.96339E-03   402911.6 3779683.2   208.5    3.40    1.45
1.47    YES
 L0001824        0   0.96339E-03   402911.4 3779680.0   208.3    3.40    1.45
1.47    YES
 L0001825        0   0.96339E-03   402911.3 3779676.9   208.2    3.40    1.45
1.47    YES
 L0001826        0   0.96339E-03   402911.1 3779673.8   208.0    3.40    1.45
1.47    YES
 L0001827        0   0.96339E-03   402910.9 3779670.7   207.9    3.40    1.45
1.47    YES
 L0001828        0   0.96339E-03   402910.7 3779667.6   207.8    3.40    1.45
1.47    YES
 L0001829        0   0.96339E-03   402910.5 3779664.5   207.6    3.40    1.45
1.47    YES
 L0001830        0   0.96339E-03   402910.3 3779661.4   207.5    3.40    1.45
1.47    YES
 L0001831        0   0.96339E-03   402910.1 3779658.2   207.3    3.40    1.45
1.47    YES
 L0001832        0   0.96339E-03   402910.0 3779655.1   207.2    3.40    1.45
1.47    YES
 L0001833        0   0.96339E-03   402909.8 3779652.0   207.1    3.40    1.45
1.47    YES
 L0001834        0   0.96339E-03   402909.6 3779648.9   206.9    3.40    1.45
1.47    YES
 L0001835        0   0.96339E-03   402909.4 3779645.8   206.8    3.40    1.45
1.47    YES
 L0001836        0   0.96339E-03   402909.2 3779642.7   206.6    3.40    1.45
1.47    YES
 L0001837        0   0.96339E-03   402909.0 3779639.6   206.5    3.40    1.45
1.47    YES
 L0001838        0   0.96339E-03   402908.8 3779636.4   206.4    3.40    1.45
1.47    YES
 L0001839        0   0.96339E-03   402908.7 3779633.3   206.2    3.40    1.45
1.47    YES
 L0001840        0   0.96339E-03   402908.5 3779630.2   206.1    3.40    1.45
1.47    YES
 L0001841        0   0.96339E-03   402908.3 3779627.1   205.9    3.40    1.45
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1.47      YES
 L0001842         0   0.96339E-03  402908.1 3779624.0   205.8    3.40     1.45
1.47      YES
 L0001843         0   0.96339E-03  402907.9 3779620.9   205.7    3.40     1.45
1.47      YES
 L0001844         0   0.96339E-03  402907.7 3779617.8   205.5    3.40     1.45
1.47      YES
 L0001845         0   0.96339E-03  402907.5 3779614.6   205.4    3.40     1.45
1.47      YES
 L0001846         0   0.96339E-03  402907.4 3779611.5   205.2    3.40     1.45
1.47      YES
 L0001847         0   0.96339E-03  402907.2 3779608.4   205.1    3.40     1.45
1.47      YES
 L0001848         0   0.96339E-03  402907.0 3779605.3   204.9    3.40     1.45
1.47      YES
 L0001849         0   0.96339E-03  402906.8 3779602.2   204.8    3.40     1.45
1.47      YES
 L0001850         0   0.96339E-03  402906.6 3779599.1   204.7    3.40     1.45
1.47      YES
 L0001851         0   0.96339E-03  402906.4 3779596.0   204.5    3.40     1.45
1.47      YES
 L0001852         0   0.96339E-03  402906.2 3779592.8   204.4    3.40     1.45
1.47      YES
 L0001853         0   0.96339E-03  402906.1 3779589.7   204.2    3.40     1.45
1.47      YES
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                            *** VOLUME SOURCE DATA ***

```
              NUMBER EMISSION RATE                     BASE     RELEASE     INIT.
INIT.   URBAN EMISSION RATE
   SOURCE      PART.  (GRAMS/SEC)      X       Y      ELEV.    HEIGHT      SY
SZ    SOURCE  SCALAR VARY
    ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

 L0001854         0   0.96339E-03  402905.9 3779586.6   204.1    3.40     1.45
1.47      YES
 L0001855         0   0.96339E-03  402905.7 3779583.5   204.0    3.40     1.45
1.47      YES
 L0001856         0   0.96339E-03  402905.5 3779580.4   203.8    3.40     1.45
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1.47     YES
 L0001857      0   0.96339E-03   402905.3 3779577.3   203.7   3.40    1.45
1.47     YES
 L0001858      0   0.96339E-03   402905.1 3779574.2   203.6   3.40    1.45
1.47     YES
 L0001859      0   0.96339E-03   402904.9 3779571.0   203.4   3.40    1.45
1.47     YES
 L0001860      0   0.96339E-03   402904.8 3779567.9   203.3   3.40    1.45
1.47     YES
 L0001861      0   0.96339E-03   402904.6 3779564.8   203.1   3.40    1.45
1.47     YES
 L0001862      0   0.96339E-03   402904.4 3779561.7   203.0   3.40    1.45
1.47     YES
 L0001863      0   0.96339E-03   402904.2 3779558.6   202.9   3.40    1.45
1.47     YES
 L0001864      0   0.96339E-03   402904.0 3779555.5   202.7   3.40    1.45
1.47     YES
 L0001865      0   0.96339E-03   402903.8 3779552.3   202.6   3.40    1.45
1.47     YES
 L0001866      0   0.96339E-03   402903.6 3779549.2   202.5   3.40    1.45
1.47     YES
 L0001867      0   0.96339E-03   402903.5 3779546.1   202.4   3.40    1.45
1.47     YES
 L0001868      0   0.96339E-03   402903.3 3779543.0   202.2   3.40    1.45
1.47     YES
 L0001869      0   0.96339E-03   402903.1 3779539.9   202.1   3.40    1.45
1.47     YES
 L0001870      0   0.96339E-03   402902.9 3779536.8   201.9   3.40    1.45
1.47     YES
 L0001871      0   0.96339E-03   402902.7 3779533.7   201.8   3.40    1.45
1.47     YES
 L0001872      0   0.96339E-03   402902.5 3779530.5   201.7   3.40    1.45
1.47     YES
 L0001873      0   0.96339E-03   402902.3 3779527.4   201.5   3.40    1.45
1.47     YES
 L0001874      0   0.96339E-03   402902.2 3779524.3   201.4   3.40    1.45
1.47     YES
 L0001875      0   0.96339E-03   402902.0 3779521.2   201.2   3.40    1.45
1.47     YES
 L0001876      0   0.96339E-03   402901.8 3779518.1   201.1   3.40    1.45
1.47     YES
 L0001877      0   0.96339E-03   402901.6 3779515.0   200.9   3.40    1.45
1.47     YES
 L0001878      0   0.96339E-03   402901.4 3779511.9   200.8   3.40    1.45
1.47     YES
 L0001879      0   0.96339E-03   402901.2 3779508.7   200.7   3.40    1.45
1.47     YES
 L0001880      0   0.96339E-03   402901.0 3779505.6   200.5   3.40    1.45
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 L0001881      0   0.96339E-03   402900.9 3779502.5   200.4   3.40    1.45
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1.47    YES
 L0001882        0   0.96339E-03  402900.7 3779499.4   200.2    3.40     1.45
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 L0001883        0   0.96339E-03  402900.5 3779496.3   200.1    3.40     1.45
1.47    YES
 L0001884        0   0.96339E-03  402900.3 3779493.2   200.0    3.40     1.45
1.47    YES
 L0001885        0   0.96339E-03  402900.1 3779490.1   199.8    3.40     1.45
1.47    YES
 L0001886        0   0.96339E-03  402899.9 3779486.9   199.7    3.40     1.45
1.47    YES
 L0001887        0   0.96339E-03  402899.7 3779483.8   199.5    3.40     1.45
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 L0001888        0   0.96339E-03  402899.6 3779480.7   199.4    3.40     1.45
1.47    YES
 L0001889        0   0.96339E-03  402899.4 3779477.6   199.2    3.40     1.45
1.47    YES
 L0001890        0   0.96339E-03  402899.2 3779474.5   199.1    3.40     1.45
1.47    YES
 L0001891        0   0.96339E-03  402899.0 3779471.4   199.0    3.40     1.45
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 L0001892        0   0.96339E-03  402898.8 3779468.3   198.8    3.40     1.45
1.47    YES
 L0001893        0   0.96339E-03  402898.6 3779465.1   198.7    3.40     1.45
1.47    YES
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                         *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001894	0	0.96339E-03	402898.4	3779462.0	198.6	3.40	1.45	1.47	YES	
L0001895	0	0.96339E-03	402898.3	3779458.9	198.4	3.40	1.45	1.47	YES	
L0001896	0	0.96339E-03	402898.1	3779455.8	198.3	3.40	1.45			

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1.47      YES
  L0001897        0   0.96339E-03   402897.9 3779452.7   198.1    3.40    1.45
1.47      YES
  L0001898        0   0.96339E-03   402897.7 3779449.6   198.0    3.40    1.45
1.47      YES
  L0001899        0   0.96339E-03   402897.5 3779446.5   197.9    3.40    1.45
1.47      YES
  L0001900        0   0.96339E-03   402897.3 3779443.3   197.7    3.40    1.45
1.47      YES
  L0001901        0   0.96339E-03   402897.1 3779440.2   197.6    3.40    1.45
1.47      YES
  L0001902        0   0.96339E-03   402897.0 3779437.1   197.5    3.40    1.45
1.47      YES
  L0001903        0   0.96339E-03   402896.8 3779434.0   197.3    3.40    1.45
1.47      YES
  L0001904        0   0.96339E-03   402896.6 3779430.9   197.2    3.40    1.45
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  L0001905        0   0.96339E-03   402896.4 3779427.8   197.0    3.40    1.45
1.47      YES
  L0001906        0   0.96339E-03   402896.2 3779424.7   196.9    3.40    1.45
1.47      YES
  L0001907        0   0.96339E-03   402896.0 3779421.5   196.8    3.40    1.45
1.47      YES
  L0001908        0   0.96339E-03   402895.8 3779418.4   196.6    3.40    1.45
1.47      YES
  L0001909        0   0.96339E-03   402895.7 3779415.3   196.5    3.40    1.45
1.47      YES
  L0001910        0   0.96339E-03   402895.5 3779412.2   196.3    3.40    1.45
1.47      YES
  L0001911        0   0.96339E-03   402895.3 3779409.1   196.2    3.40    1.45
1.47      YES
  L0001912        0   0.96339E-03   402895.1 3779406.0   196.1    3.40    1.45
1.47      YES
  L0001913        0   0.96339E-03   402894.9 3779402.9   196.0    3.40    1.45
1.47      YES
  L0001914        0   0.96339E-03   402894.7 3779399.7   195.8    3.40    1.45
1.47      YES
  L0001915        0   0.96339E-03   402894.5 3779396.6   195.7    3.40    1.45
1.47      YES
  L0001916        0   0.96339E-03   402894.4 3779393.5   195.5    3.40    1.45
1.47      YES
  L0001917        0   0.96339E-03   402894.2 3779390.4   195.4    3.40    1.45
1.47      YES
  L0001918        0   0.96339E-03   402894.0 3779387.3   195.3    3.40    1.45
1.47      YES
  L0001919        0   0.96339E-03   402893.8 3779384.2   195.2    3.40    1.45
1.47      YES
  L0001920        0   0.96339E-03   402893.6 3779381.1   195.0    3.40    1.45
1.47      YES
  L0001921        0   0.96339E-03   402893.4 3779377.9   194.9    3.40    1.45
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 L0001922         0   0.96339E-03  402893.2 3779374.8   194.8    3.40     1.45
1.47      YES
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1.47      YES
 L0001924         0   0.96339E-03  402892.9 3779368.6   194.5    3.40     1.45
1.47      YES
 L0001925         0   0.96339E-03  402892.7 3779365.5   194.4    3.40     1.45
1.47      YES
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1.47      YES
 L0001927         0   0.96339E-03  402892.5 3779359.3   194.2    3.40     1.45
1.47      YES
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1.47      YES
 L0001929         0   0.96339E-03  402892.8 3779353.0   194.0    3.40     1.45
1.47      YES
 L0001930         0   0.96339E-03  402892.9 3779349.9   194.0    3.40     1.45
1.47      YES
 L0001931         0   0.96339E-03  402893.1 3779346.8   193.9    3.40     1.45
1.47      YES
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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                                       *** SOURCE IDs DEFINING SOURCE GROUPS ***

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⬥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                    ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 ⬥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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  SRCGROUP ID                                           SOURCE IDs
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↑ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                    ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                  *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

SRCGROUP ID   SOURCE IDs
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L0001219 , L0001220 , L0001221 ,

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⦁ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21

⦁ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                     *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** SOURCE IDs DEFINING SOURCE GROUPS ***

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   L0001619    , L0001620    , L0001621    ,

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   L0001627    , L0001628    , L0001629    ,

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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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                              PAGE 48
 *** MODELOPTs: RegDFAULT CONC ELEV   URBAN   ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

  SRCGROUP ID   SOURCE IDs
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             L0001710    , L0001711    , L0001712    , L0001713    , L0001714    ,
L0001715    , L0001716    , L0001717    ,

             L0001718    , L0001719    , L0001720    , L0001721    , L0001722    ,
L0001723    , L0001724    , L0001725    ,

             L0001726    , L0001727    , L0001728    , L0001729    , L0001730    ,
L0001731    , L0001732    , L0001733    ,

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L0001739    , L0001740    , L0001741    ,

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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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        L0001894   , L0001895   , L0001896   , L0001897   , L0001898   ,
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                         *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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                          PAGE 52
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0000963    , L0000964    , L0000965    ,

          L0000966    , L0000967    , L0000968    , L0000969    , L0000970    ,
L0000971    , L0000972    , L0000973    ,
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                   *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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          L0000974    , L0000975    , L0000976    , L0000977    , L0000978    ,
L0000979    , L0000980    , L0000981    ,
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L0000995 , L0000996 , L0000997 ,

L0000998 , L0000999 , L0001000 , L0001001 , L0001002 ,
L0001003 , L0001004 , L0001005 ,

L0001006 , L0001007 , L0001008 , L0001009 , L0001010 ,
L0001011 , L0001012 , L0001013 ,

L0001014 , L0001015 , L0001016 , L0001017 , L0001018 ,
L0001019 , L0001020 , L0001021 ,

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L0001027 , L0001028 , L0001029 ,

L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 ,

L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 ,

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L0001051 , L0001052 , L0001053 ,

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L0001059 , L0001060 , L0001061 ,

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L0001067 , L0001068 , L0001069 ,

L0001070 , L0001071 , L0001072 , L0001073 , L0001074 ,
L0001075 , L0001076 , L0001077 ,

L0001078 , L0001079 , L0001080 , L0001081 , L0001082 ,
L0001083 , L0001084 , L0001085 ,

L0001086 , L0001087 , L0001088 , L0001089 , L0001090 ,
L0001091 , L0001092 , L0001093 ,

L0001094 , L0001095 , L0001096 , L0001097 , L0001098 ,
L0001099 , L0001100 , L0001101 ,

L0001102 , L0001103 , L0001104 , L0001105 , L0001106 ,
L0001107 , L0001108 , L0001109 ,

L0001110 , L0001111 , L0001112 , L0001113 , L0001114 ,

L0001115   , L0001116   , L0001117   ,

          L0001118   , L0001119   , L0001120   , L0001121   , L0001122   ,
L0001123   , L0001124   , L0001125   ,

          L0001126   , L0001127   , L0001128   , L0001129   , L0001130   ,
L0001131   , L0001132   , L0001133   ,
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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                          PAGE 54
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** SOURCE IDs DEFINING SOURCE GROUPS ***

  SRCGROUP ID   SOURCE IDs
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          L0001134   , L0001135   , L0001136   , L0001137   , L0001138   ,
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L0001147   , L0001148   , L0001149   ,

          L0001150   , L0001151   , L0001152   , L0001153   , L0001154   ,
L0001155   , L0001156   , L0001157   ,

          L0001158   , L0001159   , L0001160   , L0001161   , L0001162   ,
L0001163   , L0001164   , L0001165   ,

          L0001166   , L0001167   , L0001168   , L0001169   , L0001170   ,
L0001171   , L0001172   , L0001173   ,

          L0001174   , L0001175   , L0001176   , L0001177   , L0001178   ,
L0001179   , L0001180   , L0001181   ,

          L0001182   , L0001183   , L0001184   , L0001185   , L0001186   ,
L0001187   , L0001188   , L0001189   ,

          L0001190   , L0001191   , L0001192   , L0001193   , L0001194   ,
L0001195   , L0001196   , L0001197   ,

          L0001198   , L0001199   , L0001200   , L0001201   , L0001202   ,
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          L0001206   , L0001207   , L0001208   , L0001209   , L0001210   ,

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            L0001214    , L0001215    , L0001216    , L0001217    , L0001218    ,
L0001219    , L0001220    , L0001221    ,

            L0001222    , L0001223    , L0001224    , L0001225    , L0001226    ,
L0001227    , L0001228    , L0001229    ,

            L0001230    , L0001231    , L0001232    , L0001233    , L0001234    ,
L0001235    , L0001236    , L0001237    ,

            L0001238    , L0001239    , L0001240    , L0001241    , L0001242    ,
L0001243    , L0001244    , L0001245    ,

            L0001246    , L0001247    , L0001248    , L0001249    , L0001250    ,
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                            *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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            L0001294   , L0001295   , L0001296   , L0001297   , L0001298   ,
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L0001339   , L0001340   , L0001341   ,

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L0001355   , L0001356   , L0001357   ,

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L0001363   , L0001364   , L0001365   ,

L0001366   , L0001367   , L0001368   , L0001369   , L0001370   ,
L0001371   , L0001372   , L0001373   ,

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L0001395   , L0001396   , L0001397   ,

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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0001467  , L0001468  , L0001469  ,

          L0001470  , L0001471  , L0001472  , L0001473  , L0001474  ,
L0001475  , L0001476  , L0001477  ,

          L0001478  , L0001479  , L0001480  , L0001481  , L0001482  ,
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L0001523  , L0001524  , L0001525  ,

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L0001611   , L0001612    , L0001613    ,
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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                          PAGE 57
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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        L0001614    , L0001615    , L0001616    , L0001617    , L0001618    ,
L0001619   , L0001620    , L0001621    ,

        L0001622    , L0001623    , L0001624    , L0001625    , L0001626    ,
L0001627   , L0001628    , L0001629    ,
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L0001630 , L0001631 , L0001632 , L0001633 , L0001634 ,
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L0001643 , L0001644 , L0001645 ,

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L0001675 , L0001676 , L0001677 ,

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L0001691 , L0001692 , L0001693 ,

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L0001699 , L0001700 , L0001701 ,

L0001702 , L0001703 , L0001704 , L0001705 , L0001706 ,
L0001707 , L0001708 , L0001709 ,

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L0001715 , L0001716 , L0001717 ,

L0001718 , L0001719 , L0001720 , L0001721 , L0001722 ,
L0001723 , L0001724 , L0001725 ,

L0001726 , L0001727 , L0001728 , L0001729 , L0001730 ,
L0001731 , L0001732 , L0001733 ,

L0001734 , L0001735 , L0001736 , L0001737 , L0001738 ,
L0001739 , L0001740 , L0001741 ,

L0001742 , L0001743 , L0001744 , L0001745 , L0001746 ,
L0001747 , L0001748 , L0001749 ,

L0001750 , L0001751 , L0001752 , L0001753 , L0001754 ,
L0001755 , L0001756 , L0001757 ,

L0001758 , L0001759 , L0001760 , L0001761 , L0001762 ,
L0001763 , L0001764 , L0001765 ,

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          L0001766   , L0001767   , L0001768   , L0001769   , L0001770   ,
L0001771   , L0001772   , L0001773   ,
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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                       PAGE 58
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                       *** SOURCE IDs DEFINING SOURCE GROUPS ***

   SRCGROUP ID   SOURCE IDs
   -----------   ----------

          L0001774   , L0001775   , L0001776   , L0001777   , L0001778   ,
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          L0001782   , L0001783   , L0001784   , L0001785   , L0001786   ,
L0001787   , L0001788   , L0001789   ,

          L0001790   , L0001791   , L0001792   , L0001793   , L0001794   ,
L0001795   , L0001796   , L0001797   ,

          L0001798   , L0001799   , L0001800   , L0001801   , L0001802   ,
L0001803   , L0001804   , L0001805   ,

          L0001806   , L0001807   , L0001808   , L0001809   , L0001810   ,
L0001811   , L0001812   , L0001813   ,

          L0001814   , L0001815   , L0001816   , L0001817   , L0001818   ,
L0001819   , L0001820   , L0001821   ,

          L0001822   , L0001823   , L0001824   , L0001825   , L0001826   ,
L0001827   , L0001828   , L0001829   ,

          L0001830   , L0001831   , L0001832   , L0001833   , L0001834   ,
L0001835   , L0001836   , L0001837   ,

          L0001838   , L0001839   , L0001840   , L0001841   , L0001842   ,
L0001843   , L0001844   , L0001845   ,

          L0001846   , L0001847   , L0001848   , L0001849   , L0001850   ,
L0001851   , L0001852   , L0001853   ,

          L0001854   , L0001855   , L0001856   , L0001857   , L0001858   ,
L0001859   , L0001860   , L0001861   ,
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          L0001870    , L0001871    , L0001872    , L0001873    , L0001874    ,
L0001875    , L0001876    , L0001877    ,

          L0001878    , L0001879    , L0001880    , L0001881    , L0001882    ,
L0001883    , L0001884    , L0001885    ,

          L0001886    , L0001887    , L0001888    , L0001889    , L0001890    ,
L0001891    , L0001892    , L0001893    ,

          L0001894    , L0001895    , L0001896    , L0001897    , L0001898    ,
L0001899    , L0001900    , L0001901    ,

          L0001902    , L0001903    , L0001904    , L0001905    , L0001906    ,
L0001907    , L0001908    , L0001909    ,

          L0001910    , L0001911    , L0001912    , L0001913    , L0001914    ,
L0001915    , L0001916    , L0001917    ,

          L0001918    , L0001919    , L0001920    , L0001921    , L0001922    ,
L0001923    , L0001924    , L0001925    ,

          L0001926    , L0001927    , L0001928    , L0001929    , L0001930    ,
L0001931    ,
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

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          L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   ,

L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   ,

L0000025   , L0000026   , L0000027   , L0000028   , L0000029   ,
L0000030   , L0000031   , L0000032   ,

L0000033   , L0000034   , L0000035   , L0000036   , L0000037   ,
L0000038   , L0000039   , L0000040   ,

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L0000062   , L0000063   , L0000064   ,

L0000065   , L0000066   , L0000067   , L0000068   , L0000069   ,
L0000070   , L0000071   , L0000072   ,

L0000073   , L0000074   , L0000075   , L0000076   , L0000077   ,
L0000078   , L0000079   , L0000080   ,

L0000081   , L0000082   , L0000083   , L0000084   , L0000085   ,
L0000086   , L0000087   , L0000088   ,

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L0000134   , L0000135   , L0000136   ,

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L0000142   , L0000143   , L0000144   ,

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L0000150   , L0000151   , L0000152   ,

L0000153   , L0000154   , L0000155   , L0000156   , L0000157   ,
L0000158   , L0000159   , L0000160   ,

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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                                   PAGE 60
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                   *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

           L0000161   , L0000162   , L0000163   , L0000164   , L0000165   ,
L0000166   , L0000167   , L0000168   ,

           L0000169   , L0000170   , L0000171   , L0000172   , L0000173   ,
L0000174   , L0000175   , L0000176   ,

           L0000177   , L0000178   , L0000179   , L0000180   , L0000181   ,
L0000182   , L0000183   , L0000184   ,

           L0000185   , L0000186   , L0000187   , L0000188   , L0000189   ,
L0000190   , L0000191   , L0000192   ,

           L0000193   , L0000194   , L0000195   , L0000196   , L0000197   ,
L0000198   , L0000199   , L0000200   ,

           L0000201   , L0000202   , L0000203   , L0000204   , L0000205   ,
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           L0000209   , L0000210   , L0000211   , L0000212   , L0000213   ,
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L0000222   , L0000223   , L0000224   ,

           L0000225   , L0000226   , L0000227   , L0000228   , L0000229   ,
L0000230   , L0000231   , L0000232   ,

           L0000233   , L0000234   , L0000235   , L0000236   , L0000237   ,
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           L0000241   , L0000242   , L0000243   , L0000244   , L0000245   ,

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```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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                          PAGE 61
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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```
          L0000321    , L0000322    , L0000323    , L0000324    , L0000325    ,
L0000326    , L0000327    , L0000328    ,

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L0000334    , L0000335    , L0000336    ,
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L0000345 , L0000346 , L0000347 , L0000348 , L0000349 ,
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L0000358 , L0000359 , L0000360 ,

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L0000390 , L0000391 , L0000392 ,

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L0000398 , L0000399 , L0000400 ,

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L0000406 , L0000407 , L0000408 ,

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L0000414 , L0000415 , L0000416 ,

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L0000422 , L0000423 , L0000424 ,

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L0000446 , L0000447 , L0000448 ,

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L0000457 , L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 , L0000463 , L0000464 ,

L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 , L0000471 , L0000472 ,

L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   , L0000479   , L0000480   ,

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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                          PAGE 62
 *** MODELOPTs: RegDFAULT CONC ELEV   URBAN   ADJ_U*

                                   *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

              L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   ,

              L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   ,

              L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   ,

              L0000918   , L0000919   , L0000920   , L0000921   , L0000922   ,
L0000923   , L0000924   , L0000925   ,

              L0000926   , L0000927   , L0000928   , L0000929   , L0000930   ,
L0000931   , L0000932   , L0000933   ,

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              L0000942   , L0000943   , L0000944   , L0000945   , L0000946   ,
L0000947   , L0000948   , L0000949   ,

              L0000950   , L0000951   , L0000952   , L0000953   , L0000954   ,
L0000955   , L0000956   , L0000957   ,

              L0000958   , L0000959   , L0000960   , L0000961   , L0000962   ,
L0000963   , L0000964   , L0000965   ,

              L0000966   , L0000967   , L0000968   , L0000969   , L0000970   ,
L0000971   , L0000972   , L0000973   ,

              L0000974   , L0000975   , L0000976   , L0000977   , L0000978   ,

L0000979   , L0000980   , L0000981   ,

          L0000982   , L0000983   , L0000984   , L0000985   , L0000986   ,
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          L0000990   , L0000991   , L0000992   , L0000993   , L0000994   ,
L0000995   , L0000996   , L0000997   ,

          L0000998   , L0000999   , L0001000   , L0001001   , L0001002   ,
L0001003   , L0001004   , L0001005   ,

          L0001006   , L0001007   , L0001008   , L0001009   , L0001010   ,
L0001011   , L0001012   , L0001013   ,

          L0001014   , L0001015   , L0001016   , L0001017   , L0001018   ,
L0001019   , L0001020   , L0001021   ,

          L0001022   , L0001023   , L0001024   , L0001025   , L0001026   ,
L0001027   , L0001028   , L0001029   ,

          L0001030   , L0001031   , L0001032   , L0001033   , L0001034   ,
L0001035   , L0001036   , L0001037   ,

          L0001038   , L0001039   , L0001040   , L0001041   , L0001042   ,
L0001043   , L0001044   , L0001045   ,

          L0001046   , L0001047   , L0001048   , L0001049   , L0001050   ,
L0001051   , L0001052   , L0001053   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

          L0001054   , L0001055   , L0001056   , L0001057   , L0001058   ,
L0001059   , L0001060   , L0001061   ,

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L0001067   , L0001068   , L0001069   ,

L0001070   , L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   , L0001076   , L0001077   ,

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L0001123   , L0001124   , L0001125   ,

L0001126   , L0001127   , L0001128   , L0001129   , L0001130   ,
L0001131   , L0001132   , L0001133   ,

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L0001147   , L0001148   , L0001149   ,

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L0001163   , L0001164   , L0001165   ,

L0001166   , L0001167   , L0001168   , L0001169   , L0001170   ,
L0001171   , L0001172   , L0001173   ,

L0001174   , L0001175   , L0001176   , L0001177   , L0001178   ,
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L0001187   , L0001188   , L0001189   ,

L0001190   , L0001191   , L0001192   , L0001193   , L0001194   ,
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L0001211   , L0001212   , L0001213   ,

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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                                  PAGE 64
 *** MODELOPTs: RegDFAULT CONC ELEV   URBAN   ADJ_U*

                                               *** SOURCE IDs DEFINED AS URBAN SOURCES
***

   URBAN ID   URBAN POP   SOURCE IDs
   --------   ---------   ----------

                   L0001214   , L0001215   , L0001216   , L0001217   , L0001218   ,
L0001219   , L0001220   , L0001221   ,

                   L0001222   , L0001223   , L0001224   , L0001225   , L0001226   ,
L0001227   , L0001228   , L0001229   ,

                   L0001230   , L0001231   , L0001232   , L0001233   , L0001234   ,
L0001235   , L0001236   , L0001237   ,

                   L0001238   , L0001239   , L0001240   , L0001241   , L0001242   ,
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                   L0001246   , L0001247   , L0001248   , L0001249   , L0001250   ,
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```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                      *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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             L0001374   , L0001375   , L0001376   , L0001377   , L0001378   ,
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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                              PAGE 66
 *** MODELOPTs: RegDFAULT CONC ELEV   URBAN   ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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                   L0001582   , L0001583   , L0001584   , L0001585   , L0001586   ,
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L0001603   , L0001604   , L0001605   ,

                   L0001606   , L0001607   , L0001608   , L0001609   , L0001610   ,
L0001611   , L0001612   , L0001613   ,

                   L0001614   , L0001615   , L0001616   , L0001617   , L0001618   ,

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              L0001630     , L0001631     , L0001632     , L0001633     , L0001634     ,
L0001635     , L0001636     , L0001637     ,

              L0001638     , L0001639     , L0001640     , L0001641     , L0001642     ,
L0001643     , L0001644     , L0001645     ,

              L0001646     , L0001647     , L0001648     , L0001649     , L0001650     ,
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L0001667     , L0001668     , L0001669     ,

              L0001670     , L0001671     , L0001672     , L0001673     , L0001674     ,
L0001675     , L0001676     , L0001677     ,

              L0001678     , L0001679     , L0001680     , L0001681     , L0001682     ,
L0001683     , L0001684     , L0001685     ,

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```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
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                         PAGE   67
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

              L0001694   , L0001695   , L0001696   , L0001697   , L0001698   ,
L0001699   , L0001700   , L0001701   ,

              L0001702   , L0001703   , L0001704   , L0001705   , L0001706   ,
L0001707   , L0001708   , L0001709   ,

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L0001715 , L0001716 , L0001717 ,

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L0001723 , L0001724 , L0001725 ,

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L0001731 , L0001732 , L0001733 ,

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L0001750 , L0001751 , L0001752 , L0001753 , L0001754 ,
L0001755 , L0001756 , L0001757 ,

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L0001763 , L0001764 , L0001765 ,

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L0001787 , L0001788 , L0001789 ,

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L0001795 , L0001796 , L0001797 ,

L0001798 , L0001799 , L0001800 , L0001801 , L0001802 ,
L0001803 , L0001804 , L0001805 ,

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L0001822 , L0001823 , L0001824 , L0001825 , L0001826 ,
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L0001835 , L0001836 , L0001837 ,

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L0001843 , L0001844 , L0001845 ,

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L0001851   , L0001852   , L0001853   ,
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

                L0001854   , L0001855   , L0001856   , L0001857   , L0001858   ,
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L0001867   , L0001868   , L0001869   ,

                L0001870   , L0001871   , L0001872   , L0001873   , L0001874   ,
L0001875   , L0001876   , L0001877   ,

                L0001878   , L0001879   , L0001880   , L0001881   , L0001882   ,
L0001883   , L0001884   , L0001885   ,

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L0001899   , L0001900   , L0001901   ,

                L0001902   , L0001903   , L0001904   , L0001905   , L0001906   ,
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                L0001910   , L0001911   , L0001912   , L0001913   , L0001914   ,
L0001915   , L0001916   , L0001917   ,

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L0001923   , L0001924   , L0001925   ,

                L0001926   , L0001927   , L0001928   , L0001929   , L0001930   ,
L0001931   ,
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                         (METERS)

     (399068.0, 3778942.0,   221.3,   1259.2,   0.0);   (399349.8,
3778942.0,   218.3,   1259.2,   0.0);
     (399631.6, 3778942.0,   213.9,   1259.2,   0.0);   (399913.4,
3778942.0,   213.9,   1259.2,   0.0);
     (400195.2, 3778942.0,   210.9,   1259.2,   0.0);   (400477.0,
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     (400758.8, 3778942.0,   205.2,   1259.2,   0.0);   (401040.6,
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     (401322.4, 3778942.0,   197.3,   1259.2,   0.0);   (401604.2,
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     (401886.0, 3778942.0,   187.3,   1259.2,   0.0);   (402167.8,
3778942.0,   184.4,   1259.2,   0.0);
     (402449.6, 3778942.0,   181.2,   1259.2,   0.0);   (402731.4,
3778942.0,   177.1,   1259.2,   0.0);
     (403013.2, 3778942.0,   175.8,   1259.2,   0.0);   (403295.0,
3778942.0,   174.2,   1259.2,   0.0);
     (403576.8, 3778942.0,   169.7,   1259.2,   0.0);   (403858.6,
3778942.0,   166.7,   1259.2,   0.0);
     (404140.4, 3778942.0,   156.6,   1259.2,   0.0);   (404422.2,
3778942.0,   157.9,   1259.2,   0.0);
     (404704.0, 3778942.0,   158.9,   1259.2,   0.0);   (399068.0,
3779205.5,   226.4,   1259.2,   0.0);
     (399349.8, 3779205.5,   221.8,   1259.2,   0.0);   (399631.6,
3779205.5,   217.6,   1259.2,   0.0);
     (399913.4, 3779205.5,   218.0,   1259.2,   0.0);   (400195.2,
3779205.5,   215.9,   1259.2,   0.0);
     (400477.0, 3779205.5,   212.6,   1259.2,   0.0);   (400758.8,
3779205.5,   209.9,   1259.2,   0.0);
     (401040.6, 3779205.5,   205.2,   1259.2,   0.0);   (401322.4,
3779205.5,   212.6,   1259.2,   0.0);
     (401604.2, 3779205.5,   202.1,   1259.2,   0.0);   (401886.0,
3779205.5,   198.4,   1259.2,   0.0);
     (402167.8, 3779205.5,   196.7,   1259.2,   0.0);   (402449.6,
3779205.5,   193.8,   1259.2,   0.0);
     (402731.4, 3779205.5,   188.7,   1259.2,   0.0);   (403013.2,
3779205.5,   185.5,   1259.2,   0.0);
     (403295.0, 3779205.5,   182.7,   1259.2,   0.0);   (403576.8,
3779205.5,   179.3,   1259.2,   0.0);
     (403858.6, 3779205.5,   174.6,   1259.2,   0.0);   (404140.4,
3779205.5,   168.4,   1259.2,   0.0);

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    ( 404422.2, 3779205.5,       164.5,     1259.2,          0.0);          ( 404704.0,
3779205.5,       164.8,     1259.2,          0.0);
    ( 399068.0, 3779469.1,       231.7,     1259.2,          0.0);          ( 399349.8,
3779469.1,       225.6,     1259.2,          0.0);
    ( 399631.6, 3779469.1,       221.3,     1259.2,          0.0);          ( 399913.4,
3779469.1,       222.9,     1259.2,          0.0);
    ( 400195.2, 3779469.1,       220.5,     1259.2,          0.0);          ( 400477.0,
3779469.1,       217.1,     1259.2,          0.0);
    ( 400758.8, 3779469.1,       214.0,     1259.2,          0.0);          ( 401040.6,
3779469.1,       218.2,     1259.2,          0.0);
    ( 401322.4, 3779469.1,       215.6,     1259.2,          0.0);          ( 401604.2,
3779469.1,       212.2,     1259.2,          0.0);
    ( 401886.0, 3779469.1,       212.3,     1259.2,          0.0);          ( 402167.8,
3779469.1,       209.2,     1259.2,          0.0);
    ( 402449.6, 3779469.1,       207.0,     1259.2,          0.0);          ( 402731.4,
3779469.1,       204.0,     1259.2,          0.0);
    ( 403013.2, 3779469.1,       196.8,     1259.2,          0.0);          ( 403295.0,
3779469.1,       193.2,     1259.2,          0.0);
    ( 403576.8, 3779469.1,       187.1,     1259.2,          0.0);          ( 403858.6,
3779469.1,       182.1,     1259.2,          0.0);
    ( 404140.4, 3779469.1,       176.8,     1259.2,          0.0);          ( 404422.2,
3779469.1,       169.8,     1259.2,          0.0);
    ( 404704.0, 3779469.1,       169.6,     1259.2,          0.0);          ( 399068.0,
3779732.6,       236.6,     1259.2,          0.0);
    ( 399349.8, 3779732.6,       231.1,     1259.2,          0.0);          ( 399631.6,
3779732.6,       227.9,     1259.2,          0.0);
    ( 399913.4, 3779732.6,       228.1,     1259.2,          0.0);          ( 400195.2,
3779732.6,       225.1,     1259.2,          0.0);
    ( 400477.0, 3779732.6,       221.6,     1259.2,          0.0);          ( 400758.8,
3779732.6,       235.7,     1259.2,          0.0);
    ( 401040.6, 3779732.6,       230.7,     1259.2,          0.0);          ( 401322.4,
3779732.6,       226.0,     1259.2,          0.0);
    ( 401604.2, 3779732.6,       224.9,     1259.2,          0.0);          ( 401886.0,
3779732.6,       225.3,     1259.2,          0.0);
    ( 402167.8, 3779732.6,       223.2,     1259.2,          0.0);          ( 402449.6,
3779732.6,       220.0,     1259.2,          0.0);
    ( 402731.4, 3779732.6,       215.5,     1259.2,          0.0);          ( 403013.2,
3779732.6,       208.2,     1259.2,          0.0);
    ( 403295.0, 3779732.6,       202.0,     1259.2,          0.0);          ( 403576.8,
3779732.6,       196.9,     1259.2,          0.0);
    ( 403858.6, 3779732.6,       189.8,     1259.2,          0.0);          ( 404140.4,
3779732.6,       179.7,     1259.2,          0.0);
    ( 404422.2, 3779732.6,       178.0,     1259.2,          0.0);          ( 404704.0,
3779732.6,       174.6,     1259.2,          0.0);
    ( 399068.0, 3779996.2,       241.1,     1259.2,          0.0);          ( 399349.8,
3779996.2,       236.7,     1259.2,          0.0);
    ( 399631.6, 3779996.2,       233.5,     1259.2,          0.0);          ( 399913.4,
3779996.2,       232.6,     1259.2,          0.0);
    ( 400195.2, 3779996.2,       230.7,     1259.2,          0.0);          ( 400477.0,
3779996.2,       230.3,     1259.2,          0.0);
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

                              PAGE 70
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

      (400758.8, 3779996.2,   247.8,   1259.2,   0.0);   (401040.6,
3779996.2,   241.4,   1259.2,   0.0);
      (401322.4, 3779996.2,   238.5,   1259.2,   0.0);   (401604.2,
3779996.2,   239.3,   1259.2,   0.0);
      (401886.0, 3779996.2,   239.8,   1259.2,   0.0);   (402167.8,
3779996.2,   238.3,   1259.2,   0.0);
      (402449.6, 3779996.2,   231.1,   1259.2,   0.0);   (402731.4,
3779996.2,   227.4,   1259.2,   0.0);
      (403013.2, 3779996.2,   224.2,   1259.2,   0.0);   (403295.0,
3779996.2,   214.5,   1259.2,   0.0);
      (403576.8, 3779996.2,   205.1,   1259.2,   0.0);   (403858.6,
3779996.2,   195.9,   1259.2,   0.0);
      (404140.4, 3779996.2,   188.7,   1259.2,   0.0);   (404422.2,
3779996.2,   184.2,   1259.2,   0.0);
      (404704.0, 3779996.2,   181.1,   1259.2,   0.0);   (399068.0,
3780259.8,   246.5,   1259.2,   0.0);
      (399349.8, 3780259.8,   240.5,   1259.2,   0.0);   (399631.6,
3780259.8,   238.5,   1259.2,   0.0);
      (399913.4, 3780259.8,   237.8,   1259.2,   0.0);   (400195.2,
3780259.8,   239.6,   1259.2,   0.0);
      (400477.0, 3780259.8,   259.7,   1259.2,   0.0);   (400758.8,
3780259.8,   258.4,   1259.2,   0.0);
      (401040.6, 3780259.8,   254.3,   1259.2,   0.0);   (401322.4,
3780259.8,   253.1,   1259.2,   0.0);
      (401604.2, 3780259.8,   253.2,   1259.2,   0.0);   (401886.0,
3780259.8,   252.9,   1259.2,   0.0);
      (402167.8, 3780259.8,   249.8,   1259.2,   0.0);   (402449.6,
3780259.8,   245.3,   1259.2,   0.0);
      (402731.4, 3780259.8,   240.8,   1259.2,   0.0);   (403013.2,
3780259.8,   233.7,   1259.2,   0.0);
      (403295.0, 3780259.8,   224.2,   1259.2,   0.0);   (403576.8,
3780259.8,   213.9,   1259.2,   0.0);
      (403858.6, 3780259.8,   204.3,   1259.2,   0.0);   (404140.4,
3780259.8,   196.0,   1259.2,   0.0);
      (404422.2, 3780259.8,   192.0,   1259.2,   0.0);   (404704.0,
3780259.8,   189.7,   1259.2,   0.0);
      (399068.0, 3780523.3,   252.0,   1259.2,   0.0);   (399349.8,
3780523.3,   246.1,   1259.2,   0.0);

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       ( 399631.6, 3780523.3,      242.3,     1259.2,         0.0);        ( 399913.4,
3780523.3,       243.9,     1259.2,         0.0);
       ( 400195.2, 3780523.3,      253.9,     1259.2,         0.0);        ( 400477.0,
3780523.3,       256.1,     1259.2,         0.0);
       ( 400758.8, 3780523.3,      272.0,     1259.2,         0.0);        ( 401040.6,
3780523.3,       270.1,     1259.2,         0.0);
       ( 401322.4, 3780523.3,      268.8,     1259.2,         0.0);        ( 401604.2,
3780523.3,       269.5,     1259.2,         0.0);
       ( 401886.0, 3780523.3,      268.2,     1259.2,         0.0);        ( 402167.8,
3780523.3,       264.2,     1259.2,         0.0);
       ( 402449.6, 3780523.3,      260.8,     1259.2,         0.0);        ( 402731.4,
3780523.3,       256.4,     1259.2,         0.0);
       ( 403013.2, 3780523.3,      246.9,     1259.2,         0.0);        ( 403295.0,
3780523.3,       235.6,     1259.2,         0.0);
       ( 403576.8, 3780523.3,      224.9,     1259.2,         0.0);        ( 403858.6,
3780523.3,       215.7,     1259.2,         0.0);
       ( 404140.4, 3780523.3,      204.8,     1259.2,         0.0);        ( 404422.2,
3780523.3,       198.5,     1259.2,         0.0);
       ( 404704.0, 3780523.3,      196.3,     1259.2,         0.0);        ( 399068.0,
3780786.9,       256.1,     1259.2,         0.0);
       ( 399349.8, 3780786.9,      252.1,     1259.2,         0.0);        ( 399631.6,
3780786.9,       236.0,     1259.2,         0.0);
       ( 399913.4, 3780786.9,      248.1,     1259.2,         0.0);        ( 400195.2,
3780786.9,       259.7,     1259.2,         0.0);
       ( 400477.0, 3780786.9,      273.5,     1259.2,         0.0);        ( 400758.8,
3780786.9,       287.1,     1259.2,         0.0);
       ( 401040.6, 3780786.9,      287.7,     1259.2,         0.0);        ( 401322.4,
3780786.9,       288.8,     1259.2,         0.0);
       ( 401604.2, 3780786.9,      287.2,     1259.2,         0.0);        ( 401886.0,
3780786.9,       283.2,     1259.2,         0.0);
       ( 402167.8, 3780786.9,      277.7,     1259.2,         0.0);        ( 402449.6,
3780786.9,       276.8,     1259.2,         0.0);
       ( 402731.4, 3780786.9,      270.5,     1259.2,         0.0);        ( 403013.2,
3780786.9,       259.5,     1259.2,         0.0);
       ( 403295.0, 3780786.9,      249.3,     1259.2,         0.0);        ( 403576.8,
3780786.9,       239.7,     1259.2,         0.0);
       ( 403858.6, 3780786.9,      230.5,     1259.2,         0.0);        ( 404140.4,
3780786.9,       215.4,     1259.2,         0.0);
       ( 404422.2, 3780786.9,      207.5,     1259.2,         0.0);        ( 404704.0,
3780786.9,       216.9,     1259.2,         0.0);
       ( 399068.0, 3781050.4,      262.1,     1259.2,         0.0);        ( 399349.8,
3781050.4,       259.3,     1259.2,         0.0);
       ( 399631.6, 3781050.4,      255.6,     1259.2,         0.0);        ( 399913.4,
3781050.4,       248.2,     1259.2,         0.0);
       ( 400195.2, 3781050.4,      267.7,     1259.2,         0.0);        ( 400477.0,
3781050.4,       288.0,     1259.2,         0.0);
       ( 400758.8, 3781050.4,      302.8,     1259.2,         0.0);        ( 401040.6,
3781050.4,       306.9,     1259.2,         0.0);
       ( 401322.4, 3781050.4,      307.8,     1259.2,         0.0);        ( 401604.2,
3781050.4,       304.6,     1259.2,         0.0);
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     ( 401886.0, 3781050.4,     299.2,    1259.2,        0.0);          ( 402167.8,
3781050.4,     293.6,    1259.2,        0.0);
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

                           PAGE 71
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

```
     ( 402449.6, 3781050.4,     292.8,    1259.2,        0.0);          ( 402731.4,
3781050.4,     285.4,    1259.2,        0.0);
     ( 403013.2, 3781050.4,     277.8,    1259.2,        0.0);          ( 403295.0,
3781050.4,     268.7,    1259.2,        0.0);
     ( 403576.8, 3781050.4,     256.6,    1259.2,        0.0);          ( 403858.6,
3781050.4,     244.0,    1259.2,        0.0);
     ( 404140.4, 3781050.4,     231.4,    1259.2,        0.0);          ( 404422.2,
3781050.4,     226.6,    1259.2,        0.0);
     ( 404704.0, 3781050.4,     239.0,    1259.2,        0.0);          ( 399068.0,
3781314.0,     270.5,    1259.2,        0.0);
     ( 399349.8, 3781314.0,     261.2,    1259.2,        0.0);          ( 399631.6,
3781314.0,     262.7,    1259.2,        0.0);
     ( 399913.4, 3781314.0,     280.4,    1259.2,        0.0);          ( 400195.2,
3781314.0,     312.0,    1259.2,        0.0);
     ( 400477.0, 3781314.0,     303.0,    1259.2,        0.0);          ( 400758.8,
3781314.0,     318.0,    1259.2,        0.0);
     ( 401040.6, 3781314.0,     327.2,    1259.2,        0.0);          ( 401322.4,
3781314.0,     328.7,    1259.2,        0.0);
     ( 401604.2, 3781314.0,     322.4,    1259.2,        0.0);          ( 401886.0,
3781314.0,     315.7,    1259.2,        0.0);
     ( 402167.8, 3781314.0,     312.4,    1259.2,        0.0);          ( 402449.6,
3781314.0,     309.4,    1259.2,        0.0);
     ( 402731.4, 3781314.0,     309.8,    1259.2,        0.0);          ( 403013.2,
3781314.0,     299.5,    1259.2,        0.0);
     ( 403295.0, 3781314.0,     289.5,    1259.2,        0.0);          ( 403576.8,
3781314.0,     273.3,    1259.2,        0.0);
     ( 403858.6, 3781314.0,     259.2,    1259.2,        0.0);          ( 404140.4,
3781314.0,     241.2,    1259.2,        0.0);
     ( 404422.2, 3781314.0,     258.7,    1259.2,        0.0);          ( 404704.0,
3781314.0,     262.4,    1259.2,        0.0);
     ( 399068.0, 3781577.6,     268.9,    1259.2,        0.0);          ( 399349.8,
3781577.6,     261.9,    1259.2,        0.0);
     ( 399631.6, 3781577.6,     281.6,    1259.2,        0.0);          ( 399913.4,
3781577.6,     315.4,    1259.2,        0.0);
     ( 400195.2, 3781577.6,     327.4,    1259.2,        0.0);          ( 400477.0,
3781577.6,     327.6,    1259.2,        0.0);
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     ( 400758.8, 3781577.6,      328.2,    1259.2,       0.0);        ( 401040.6,
3781577.6,      347.9,    1259.2,       0.0);
     ( 401322.4, 3781577.6,      350.8,    1259.2,       0.0);        ( 401604.2,
3781577.6,      341.5,    1259.2,       0.0);
     ( 401886.0, 3781577.6,      336.1,    1259.2,       0.0);        ( 402167.8,
3781577.6,      333.7,    1259.2,       0.0);
     ( 402449.6, 3781577.6,      335.2,    1259.2,       0.0);        ( 402731.4,
3781577.6,      338.1,    1259.2,       0.0);
     ( 403013.2, 3781577.6,      322.6,    1259.2,       0.0);        ( 403295.0,
3781577.6,      310.0,    1259.2,       0.0);
     ( 403576.8, 3781577.6,      299.2,    1259.2,       0.0);        ( 403858.6,
3781577.6,      315.9,    1259.2,       0.0);
     ( 404140.4, 3781577.6,      280.4,    1259.2,       0.0);        ( 404422.2,
3781577.6,      302.4,    1259.2,       0.0);
     ( 404704.0, 3781577.6,      293.7,    1259.2,       0.0);        ( 399068.0,
3781841.1,      271.4,    1259.2,       0.0);
     ( 399349.8, 3781841.1,      280.8,    1259.2,       0.0);        ( 399631.6,
3781841.1,      329.7,    1259.2,       0.0);
     ( 399913.4, 3781841.1,      326.7,    1259.2,       0.0);        ( 400195.2,
3781841.1,      343.9,    1259.2,       0.0);
     ( 400477.0, 3781841.1,      350.2,    1259.2,       0.0);        ( 400758.8,
3781841.1,      333.4,    1259.2,       0.0);
     ( 401040.6, 3781841.1,      368.8,    1259.2,       0.0);        ( 401322.4,
3781841.1,      372.2,    1259.2,       0.0);
     ( 401604.2, 3781841.1,      365.5,    1259.2,       0.0);        ( 402167.8,
3781841.1,      349.2,    1259.2,       0.0);
     ( 402449.6, 3781841.1,      364.0,    1259.2,       0.0);        ( 402731.4,
3781841.1,      361.9,    1259.2,       0.0);
     ( 403013.2, 3781841.1,      380.6,    1259.2,       0.0);        ( 403295.0,
3781841.1,      391.7,    1259.2,       0.0);
     ( 403576.8, 3781841.1,      377.5,    1259.2,       0.0);        ( 403858.6,
3781841.1,      307.1,    1259.2,       0.0);
     ( 404140.4, 3781841.1,      327.9,    1259.2,       0.0);        ( 404422.2,
3781841.1,      365.4,    1259.2,       0.0);
     ( 404704.0, 3781841.1,      354.7,    1259.2,       0.0);        ( 399068.0,
3782104.7,      278.8,    1259.2,       0.0);
     ( 399349.8, 3782104.7,      304.2,    1259.2,       0.0);        ( 399631.6,
3782104.7,      345.7,    1259.2,       0.0);
     ( 399913.4, 3782104.7,      356.2,    1259.2,       0.0);        ( 400195.2,
3782104.7,      367.4,    1259.2,       0.0);
     ( 400477.0, 3782104.7,      376.6,    1259.2,       0.0);        ( 400758.8,
3782104.7,      360.1,    1259.2,       0.0);
     ( 401040.6, 3782104.7,      386.9,    1259.2,       0.0);        ( 401322.4,
3782104.7,      399.1,    1259.2,       0.0);
     ( 401604.2, 3782104.7,      400.7,    1259.2,       0.0);        ( 401886.0,
3782104.7,      425.2,    1259.2,       0.0);
     ( 402167.8, 3782104.7,      385.5,    1259.2,       0.0);        ( 402449.6,
3782104.7,      409.0,    1259.2,       0.0);
     ( 402731.4, 3782104.7,      431.5,    1259.2,       0.0);        ( 403013.2,
3782104.7,      464.2,    1259.2,       0.0);
```

```
     ( 403295.0, 3782104.7,      457.1,      1259.2,        0.0);          ( 403576.8,
3782104.7,      458.8,     1259.2,        0.0);
     ( 403858.6, 3782104.7,      333.7,      1259.2,        0.0);          ( 404140.4,
3782104.7,      439.1,     1259.2,        0.0);
```

↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

                              PAGE 72
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

```
     ( 404422.2, 3782104.7,      441.3,      1259.2,        0.0);          ( 404704.0,
3782104.7,      420.9,     1259.2,        0.0);
     ( 399068.0, 3782368.2,      290.6,      1259.2,        0.0);          ( 399349.8,
3782368.2,      318.0,     1259.2,        0.0);
     ( 399631.6, 3782368.2,      361.2,      1259.2,        0.0);          ( 399913.4,
3782368.2,      377.8,     1259.2,        0.0);
     ( 400195.2, 3782368.2,      382.5,      1259.2,        0.0);          ( 400477.0,
3782368.2,      402.8,     1259.2,        0.0);
     ( 400758.8, 3782368.2,      399.6,      1259.2,        0.0);          ( 401040.6,
3782368.2,      443.3,     1259.2,        0.0);
     ( 401322.4, 3782368.2,      435.3,      1259.2,        0.0);          ( 401604.2,
3782368.2,      490.2,     1259.2,        0.0);
     ( 401886.0, 3782368.2,      543.6,      1259.2,        0.0);          ( 402167.8,
3782368.2,      439.6,     1259.2,        0.0);
     ( 402449.6, 3782368.2,      515.1,      1259.2,        0.0);          ( 402731.4,
3782368.2,      556.5,     1259.2,        0.0);
     ( 403013.2, 3782368.2,      566.6,      1259.2,        0.0);          ( 403295.0,
3782368.2,      521.0,     1259.2,        0.0);
     ( 403576.8, 3782368.2,      552.2,      1259.2,        0.0);          ( 403858.6,
3782368.2,      429.9,     1259.2,        0.0);
     ( 404140.4, 3782368.2,      492.2,      1259.2,        0.0);          ( 404422.2,
3782368.2,      574.5,     1259.2,        0.0);
     ( 404704.0, 3782368.2,      521.1,      1259.2,        0.0);          ( 399068.0,
3782631.8,      303.9,     1259.2,        0.0);
     ( 399349.8, 3782631.8,      378.8,      1259.2,        0.0);          ( 399631.6,
3782631.8,      362.5,     1259.2,        0.0);
     ( 399913.4, 3782631.8,      414.0,      1259.2,        0.0);          ( 400195.2,
3782631.8,      416.2,     1259.2,        0.0);
     ( 400477.0, 3782631.8,      434.3,      1259.2,        0.0);          ( 400758.8,
3782631.8,      450.8,     1259.2,        0.0);
     ( 401040.6, 3782631.8,      561.9,      1259.2,        0.0);          ( 401322.4,
3782631.8,      597.3,     1259.2,        0.0);
     ( 401604.2, 3782631.8,      542.9,      1259.2,        0.0);          ( 401886.0,
3782631.8,      561.1,     1259.2,        0.0);
```

```
    ( 402167.8, 3782631.8,     513.9,     1259.2,       0.0);        ( 402449.6,
3782631.8,     679.0,     1259.2,       0.0);
    ( 402731.4, 3782631.8,     702.4,     1259.2,       0.0);        ( 403013.2,
3782631.8,     710.8,     1259.2,       0.0);
    ( 403295.0, 3782631.8,     709.2,     1259.2,       0.0);        ( 403576.8,
3782631.8,     567.6,     1259.2,       0.0);
    ( 403858.6, 3782631.8,     513.7,     1259.2,       0.0);        ( 404140.4,
3782631.8,     572.1,     1259.2,       0.0);
    ( 404422.2, 3782631.8,     698.4,     1259.2,       0.0);        ( 404704.0,
3782631.8,     621.0,     1259.2,       0.0);
    ( 399068.0, 3782895.4,     322.3,     1259.2,       0.0);        ( 399349.8,
3782895.4,     353.4,     1259.2,       0.0);
    ( 399631.6, 3782895.4,     430.7,     1259.2,       0.0);        ( 399913.4,
3782895.4,     406.0,     1259.2,       0.0);
    ( 400195.2, 3782895.4,     457.5,     1259.2,       0.0);        ( 400477.0,
3782895.4,     462.6,     1259.2,       0.0);
    ( 400758.8, 3782895.4,     582.4,     1259.2,       0.0);        ( 401040.6,
3782895.4,     565.6,     1259.2,       0.0);
    ( 401322.4, 3782895.4,     655.6,     1259.2,       0.0);        ( 401604.2,
3782895.4,     594.1,     1259.2,       0.0);
    ( 401886.0, 3782895.4,     761.7,     1259.2,       0.0);        ( 402167.8,
3782895.4,     710.6,     1259.2,       0.0);
    ( 402449.6, 3782895.4,     723.7,     1259.2,       0.0);        ( 402731.4,
3782895.4,     766.9,     1259.2,       0.0);
    ( 403013.2, 3782895.4,     827.7,     1259.2,       0.0);        ( 403295.0,
3782895.4,     759.0,     1259.2,       0.0);
    ( 403576.8, 3782895.4,     638.3,     1259.2,       0.0);        ( 403858.6,
3782895.4,     683.0,     1259.2,       0.0);
    ( 404140.4, 3782895.4,     694.1,     1259.2,       0.0);        ( 404422.2,
3782895.4,     745.9,     1259.2,       0.0);
    ( 404704.0, 3782895.4,     713.8,     1259.2,       0.0);        ( 399068.0,
3783158.9,     357.2,     1259.2,       0.0);
    ( 399349.8, 3783158.9,     401.3,     1259.2,       0.0);        ( 399631.6,
3783158.9,     495.4,     1259.2,       0.0);
    ( 399913.4, 3783158.9,     472.5,     1259.2,       0.0);        ( 400195.2,
3783158.9,     507.6,     1259.2,       0.0);
    ( 400477.0, 3783158.9,     546.8,     1259.2,       0.0);        ( 400758.8,
3783158.9,     527.0,     1259.2,       0.0);
    ( 401040.6, 3783158.9,     666.0,     1259.2,       0.0);        ( 401322.4,
3783158.9,     751.8,     1259.2,       0.0);
    ( 401604.2, 3783158.9,     661.6,     1259.2,       0.0);        ( 401886.0,
3783158.9,     809.1,     1259.2,       0.0);
    ( 402167.8, 3783158.9,     835.2,     1259.2,       0.0);        ( 402449.6,
3783158.9,     758.0,     1259.2,       0.0);
    ( 402731.4, 3783158.9,     914.7,     1259.2,       0.0);        ( 403013.2,
3783158.9,     965.5,     1259.2,       0.0);
    ( 403295.0, 3783158.9,     795.5,     1259.2,       0.0);        ( 403576.8,
3783158.9,     651.4,     1259.2,       0.0);
    ( 403858.6, 3783158.9,     758.8,     1259.2,       0.0);        ( 404140.4,
3783158.9,     837.1,     1259.2,       0.0);
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    ( 404422.2, 3783158.9,     847.8,    1259.2,        0.0);        ( 404704.0,
3783158.9,     878.2,    1259.2,        0.0);
    ( 399068.0, 3783422.5,     416.2,    1259.2,        0.0);        ( 399349.8,
3783422.5,     489.7,    1259.2,        0.0);
    ( 399631.6, 3783422.5,     512.1,    1259.2,        0.0);        ( 399913.4,
3783422.5,     543.2,    1259.2,        0.0);
```

✦ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 73
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

```
    ( 400195.2, 3783422.5,     642.9,    1259.2,        0.0);        ( 400477.0,
3783422.5,     641.7,    1259.2,        0.0);
    ( 400758.8, 3783422.5,     635.7,    1259.2,        0.0);        ( 401040.6,
3783422.5,     714.7,    1259.2,        0.0);
    ( 401322.4, 3783422.5,     858.1,    1259.2,        0.0);        ( 401604.2,
3783422.5,     792.1,    1259.2,        0.0);
    ( 401886.0, 3783422.5,     815.6,    1259.2,        0.0);        ( 402167.8,
3783422.5,     856.6,    1259.2,        0.0);
    ( 402449.6, 3783422.5,     867.6,    1259.2,        0.0);        ( 402731.4,
3783422.5,     867.2,    1259.2,        0.0);
    ( 403013.2, 3783422.5,     988.7,    1259.2,        0.0);        ( 403295.0,
3783422.5,     829.4,    1259.2,        0.0);
    ( 403576.8, 3783422.5,     667.0,    1259.2,        0.0);        ( 403858.6,
3783422.5,     680.9,    1259.2,        0.0);
    ( 404140.4, 3783422.5,     812.1,    1259.2,        0.0);        ( 404422.2,
3783422.5,     941.5,    1259.2,        0.0);
    ( 404704.0, 3783422.5,     982.2,    1151.1,        0.0);        ( 399068.0,
3783686.0,     525.0,    1259.2,        0.0);
    ( 399349.8, 3783686.0,     566.3,    1259.2,        0.0);        ( 399631.6,
3783686.0,     664.4,    1259.2,        0.0);
    ( 399913.4, 3783686.0,     709.5,    1259.2,        0.0);        ( 400195.2,
3783686.0,     765.5,    1259.2,        0.0);
    ( 400477.0, 3783686.0,     772.1,    1259.2,        0.0);        ( 400758.8,
3783686.0,     733.2,    1259.2,        0.0);
    ( 401040.6, 3783686.0,     733.8,    1259.2,        0.0);        ( 401322.4,
3783686.0,     885.4,    1259.2,        0.0);
    ( 401604.2, 3783686.0,     930.8,    1259.2,        0.0);        ( 401886.0,
3783686.0,     961.9,    1259.2,        0.0);
    ( 402167.8, 3783686.0,     978.2,    1259.2,        0.0);        ( 402449.6,
3783686.0,     978.0,    1259.2,        0.0);
    ( 402731.4, 3783686.0,    1019.6,    1259.2,        0.0);        ( 403013.2,
3783686.0,    1067.8,    1259.2,        0.0);
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```
( 403295.0, 3783686.0,      931.8,     1259.2,        0.0);      ( 403576.8,
3783686.0,      815.2,     1259.2,        0.0);
( 403858.6, 3783686.0,      707.7,     1259.2,        0.0);      ( 404140.4,
3783686.0,      805.1,     1259.2,        0.0);
( 404422.2, 3783686.0,      901.9,     1259.2,        0.0);      ( 404704.0,
3783686.0,     1035.3,     1151.1,        0.0);
( 399068.0, 3783949.6,      597.9,     1259.2,        0.0);      ( 399349.8,
3783949.6,      730.2,     1259.2,        0.0);
( 399631.6, 3783949.6,      730.6,     1259.2,        0.0);      ( 399913.4,
3783949.6,      799.2,     1259.2,        0.0);
( 400195.2, 3783949.6,      884.8,     1259.2,        0.0);      ( 400477.0,
3783949.6,      877.2,     1259.2,        0.0);
( 400758.8, 3783949.6,      881.3,     1259.2,        0.0);      ( 401040.6,
3783949.6,      765.8,     1259.2,        0.0);
( 401322.4, 3783949.6,      830.1,     1259.2,        0.0);      ( 401604.2,
3783949.6,      950.6,     1259.2,        0.0);
( 401886.0, 3783949.6,     1045.6,     1259.2,        0.0);      ( 402167.8,
3783949.6,     1084.9,     1259.2,        0.0);
( 402449.6, 3783949.6,     1040.0,     1259.2,        0.0);      ( 402731.4,
3783949.6,     1101.5,     1259.2,        0.0);
( 403013.2, 3783949.6,      963.1,     1259.2,        0.0);      ( 403295.0,
3783949.6,      903.3,     1259.2,        0.0);
( 403576.8, 3783949.6,      786.0,     1259.2,        0.0);      ( 403858.6,
3783949.6,      825.2,     1259.2,        0.0);
( 404140.4, 3783949.6,      862.3,     1259.2,        0.0);      ( 404422.2,
3783949.6,     1023.5,     1151.1,        0.0);
( 404704.0, 3783949.6,     1058.5,     1151.1,        0.0);      ( 399068.0,
3784213.2,      779.3,     1259.2,        0.0);
( 399349.8, 3784213.2,      782.9,     1259.2,        0.0);      ( 399631.6,
3784213.2,      774.2,     1259.2,        0.0);
( 399913.4, 3784213.2,      839.5,     1259.2,        0.0);      ( 400195.2,
3784213.2,      973.5,     1259.2,        0.0);
( 400477.0, 3784213.2,     1015.8,     1259.2,        0.0);      ( 400758.8,
3784213.2,     1032.2,     1259.2,        0.0);
( 401040.6, 3784213.2,      911.7,     1259.2,        0.0);      ( 401322.4,
3784213.2,      822.4,     1259.2,        0.0);
( 401604.2, 3784213.2,      930.1,     1259.2,        0.0);      ( 401886.0,
3784213.2,     1091.2,     1259.2,        0.0);
( 402167.8, 3784213.2,     1217.7,     1259.2,        0.0);      ( 402449.6,
3784213.2,     1143.4,     1259.2,        0.0);
( 402731.4, 3784213.2,      992.7,     1259.2,        0.0);      ( 403013.2,
3784213.2,      923.3,     1259.2,        0.0);
( 403295.0, 3784213.2,      850.5,     1259.2,        0.0);      ( 403576.8,
3784213.2,      866.4,     1259.2,        0.0);
( 403858.6, 3784213.2,      980.4,     1259.2,        0.0);      ( 404140.4,
3784213.2,     1042.8,     1151.1,        0.0);
( 404422.2, 3784213.2,     1131.9,     1151.1,        0.0);      ( 404704.0,
3784213.2,     1047.1,     1151.1,        0.0);
( 401308.9, 3781008.8,      304.9,     1259.2,        0.0);      ( 401328.9,
3781008.8,      304.6,     1259.2,        0.0);
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     ( 401348.9, 3781008.8,    304.6,    1259.2,        0.0);          ( 401368.9,
3781008.8,    304.8,    1259.2,        0.0);
     ( 401388.9, 3781008.8,    304.0,    1259.2,        0.0);          ( 401408.9,
3781008.8,    302.8,    1259.2,        0.0);
     ( 401428.9, 3781008.8,    303.3,    1259.2,        0.0);          ( 401448.9,
3781008.8,    303.7,    1259.2,        0.0);
     ( 401468.9, 3781008.8,    303.1,    1259.2,        0.0);          ( 401488.9,
3781008.8,    302.7,    1259.2,        0.0);
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 74
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                            (METERS)

```
     ( 401508.9, 3781008.8,    302.7,    1259.2,        0.0);          ( 401528.9,
3781008.8,    302.2,    1259.2,        0.0);
     ( 401548.9, 3781008.8,    301.7,    1259.2,        0.0);          ( 401568.9,
3781008.8,    301.5,    1259.2,        0.0);
     ( 401588.9, 3781008.8,    301.2,    1259.2,        0.0);          ( 401608.9,
3781008.8,    301.7,    1259.2,        0.0);
     ( 401628.9, 3781008.8,    301.8,    1259.2,        0.0);          ( 401648.9,
3781008.8,    301.5,    1259.2,        0.0);
     ( 401668.9, 3781008.8,    301.4,    1259.2,        0.0);          ( 401688.9,
3781008.8,    300.9,    1259.2,        0.0);
     ( 401708.9, 3781008.8,    300.0,    1259.2,        0.0);          ( 401728.9,
3781008.8,    299.4,    1259.2,        0.0);
     ( 401748.9, 3781008.8,    298.8,    1259.2,        0.0);          ( 401768.9,
3781008.8,    298.1,    1259.2,        0.0);
     ( 401788.9, 3781008.8,    297.7,    1259.2,        0.0);          ( 401808.9,
3781008.8,    297.2,    1259.2,        0.0);
     ( 401828.9, 3781008.8,    297.2,    1259.2,        0.0);          ( 401848.9,
3781008.8,    297.2,    1259.2,        0.0);
     ( 401868.9, 3781008.8,    296.6,    1259.2,        0.0);          ( 401888.9,
3781008.8,    296.3,    1259.2,        0.0);
     ( 401908.9, 3781008.8,    296.0,    1259.2,        0.0);          ( 401928.9,
3781008.8,    295.6,    1259.2,        0.0);
     ( 401948.9, 3781008.8,    295.1,    1259.2,        0.0);          ( 401968.9,
3781008.8,    294.7,    1259.2,        0.0);
     ( 401988.9, 3781008.8,    294.2,    1259.2,        0.0);          ( 402008.9,
3781008.8,    293.8,    1259.2,        0.0);
     ( 402028.9, 3781008.8,    292.5,    1259.2,        0.0);          ( 402048.9,
3781008.8,    292.6,    1259.2,        0.0);
     ( 402068.9, 3781008.8,    292.4,    1259.2,        0.0);          ( 402088.9,
3781008.8,    291.8,    1259.2,        0.0);
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( 402108.9, 3781008.8,     291.8,    1259.2,        0.0);         ( 402128.9,
3781008.8,     291.4,    1259.2,        0.0);
( 402148.9, 3781008.8,     290.9,    1259.2,        0.0);         ( 402168.9,
3781008.8,     290.1,    1259.2,        0.0);
( 402188.9, 3781008.8,     290.0,    1259.2,        0.0);         ( 402208.9,
3781008.8,     290.2,    1259.2,        0.0);
( 402228.9, 3781008.8,     290.8,    1259.2,        0.0);         ( 402248.9,
3781008.8,     291.0,    1259.2,        0.0);
( 402268.9, 3781008.8,     290.8,    1259.2,        0.0);         ( 402288.9,
3781008.8,     290.7,    1259.2,        0.0);
( 402308.9, 3781008.8,     290.3,    1259.2,        0.0);         ( 402328.9,
3781008.8,     290.7,    1259.2,        0.0);
( 402348.9, 3781008.8,     290.4,    1259.2,        0.0);         ( 402368.9,
3781008.8,     290.5,    1259.2,        0.0);
( 402388.9, 3781008.8,     290.6,    1259.2,        0.0);         ( 402408.9,
3781008.8,     290.5,    1259.2,        0.0);
( 402428.9, 3781008.8,     290.6,    1259.2,        0.0);         ( 402448.9,
3781008.8,     290.4,    1259.2,        0.0);
( 402468.9, 3781008.8,     290.2,    1259.2,        0.0);         ( 402488.9,
3781008.8,     290.1,    1259.2,        0.0);
( 402508.9, 3781008.8,     289.4,    1259.2,        0.0);         ( 401308.9,
3781028.8,     306.7,    1259.2,        0.0);
( 401328.9, 3781028.8,     306.1,    1259.2,        0.0);         ( 401348.9,
3781028.8,     306.4,    1259.2,        0.0);
( 401368.9, 3781028.8,     306.0,    1259.2,        0.0);         ( 401388.9,
3781028.8,     305.0,    1259.2,        0.0);
( 401408.9, 3781028.8,     306.2,    1259.2,        0.0);         ( 401428.9,
3781028.8,     305.4,    1259.2,        0.0);
( 401448.9, 3781028.8,     304.9,    1259.2,        0.0);         ( 401468.9,
3781028.8,     305.1,    1259.2,        0.0);
( 401488.9, 3781028.8,     304.1,    1259.2,        0.0);         ( 401508.9,
3781028.8,     303.6,    1259.2,        0.0);
( 401528.9, 3781028.8,     303.4,    1259.2,        0.0);         ( 401548.9,
3781028.8,     303.0,    1259.2,        0.0);
( 401568.9, 3781028.8,     302.7,    1259.2,        0.0);         ( 401588.9,
3781028.8,     302.3,    1259.2,        0.0);
( 401608.9, 3781028.8,     302.5,    1259.2,        0.0);         ( 401628.9,
3781028.8,     303.1,    1259.2,        0.0);
( 401648.9, 3781028.8,     302.8,    1259.2,        0.0);         ( 401668.9,
3781028.8,     302.4,    1259.2,        0.0);
( 401688.9, 3781028.8,     302.0,    1259.2,        0.0);         ( 401708.9,
3781028.8,     301.2,    1259.2,        0.0);
( 401728.9, 3781028.8,     300.7,    1259.2,        0.0);         ( 401748.9,
3781028.8,     300.1,    1259.2,        0.0);
( 401768.9, 3781028.8,     299.3,    1259.2,        0.0);         ( 401788.9,
3781028.8,     298.9,    1259.2,        0.0);
( 401808.9, 3781028.8,     298.4,    1259.2,        0.0);         ( 401828.9,
3781028.8,     298.5,    1259.2,        0.0);
( 401848.9, 3781028.8,     298.6,    1259.2,        0.0);         ( 401868.9,
3781028.8,     297.8,    1259.2,        0.0);
```

```
     ( 401888.9, 3781028.8,      297.9,    1259.2,        0.0);          ( 401908.9,
3781028.8,     297.4,    1259.2,       0.0);
     ( 401928.9, 3781028.8,      297.1,    1259.2,        0.0);          ( 401948.9,
3781028.8,     296.8,    1259.2,       0.0);
     ( 401968.9, 3781028.8,      296.3,    1259.2,        0.0);          ( 401988.9,
3781028.8,     295.7,    1259.2,       0.0);
     ( 402008.9, 3781028.8,      295.2,    1259.2,        0.0);          ( 402028.9,
3781028.8,     294.0,    1259.2,       0.0);
     ( 402048.9, 3781028.8,      293.9,    1259.2,        0.0);          ( 402068.9,
3781028.8,     293.8,    1259.2,       0.0);
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                     ***   05:36:20

                         PAGE 75
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

```
     ( 402088.9, 3781028.8,      293.3,    1259.2,        0.0);          ( 402108.9,
3781028.8,     292.6,    1259.2,       0.0);
     ( 402128.9, 3781028.8,      292.3,    1259.2,        0.0);          ( 402148.9,
3781028.8,     292.1,    1259.2,       0.0);
     ( 402168.9, 3781028.8,      291.2,    1259.2,        0.0);          ( 402188.9,
3781028.8,     291.3,    1259.2,       0.0);
     ( 402208.9, 3781028.8,      291.6,    1259.2,        0.0);          ( 402228.9,
3781028.8,     292.3,    1259.2,       0.0);
     ( 402248.9, 3781028.8,      292.4,    1259.2,        0.0);          ( 402268.9,
3781028.8,     292.3,    1259.2,       0.0);
     ( 402288.9, 3781028.8,      292.3,    1259.2,        0.0);          ( 402308.9,
3781028.8,     291.8,    1259.2,       0.0);
     ( 402328.9, 3781028.8,      292.2,    1259.2,        0.0);          ( 402348.9,
3781028.8,     291.7,    1259.2,       0.0);
     ( 402368.9, 3781028.8,      291.8,    1259.2,        0.0);          ( 402388.9,
3781028.8,     292.0,    1259.2,       0.0);
     ( 402408.9, 3781028.8,      291.9,    1259.2,        0.0);          ( 402428.9,
3781028.8,     291.7,    1259.2,       0.0);
     ( 402448.9, 3781028.8,      291.3,    1259.2,        0.0);          ( 402468.9,
3781028.8,     291.4,    1259.2,       0.0);
     ( 402488.9, 3781028.8,      291.1,    1259.2,        0.0);          ( 402508.9,
3781028.8,     290.7,    1259.2,       0.0);
     ( 401308.9, 3781048.8,      307.9,    1259.2,        0.0);          ( 401328.9,
3781048.8,     307.8,    1259.2,       0.0);
     ( 401348.9, 3781048.8,      307.6,    1259.2,        0.0);          ( 401368.9,
3781048.8,     307.2,    1259.2,       0.0);
     ( 401388.9, 3781048.8,      306.8,    1259.2,        0.0);          ( 401408.9,
3781048.8,     307.0,    1259.2,       0.0);
```

```
    ( 401428.9, 3781048.8,     306.9,    1259.2,       0.0);       ( 401448.9,
3781048.8,    306.8,    1259.2,       0.0);
    ( 401468.9, 3781048.8,     306.1,    1259.2,       0.0);       ( 401488.9,
3781048.8,    305.4,    1259.2,       0.0);
    ( 401508.9, 3781048.8,     305.9,    1259.2,       0.0);       ( 401528.9,
3781048.8,    305.2,    1259.2,       0.0);
    ( 401548.9, 3781048.8,     304.4,    1259.2,       0.0);       ( 401568.9,
3781048.8,    303.9,    1259.2,       0.0);
    ( 401588.9, 3781048.8,     303.7,    1259.2,       0.0);       ( 401608.9,
3781048.8,    304.6,    1259.2,       0.0);
    ( 401628.9, 3781048.8,     305.1,    1259.2,       0.0);       ( 401648.9,
3781048.8,    304.9,    1259.2,       0.0);
    ( 401668.9, 3781048.8,     304.1,    1259.2,       0.0);       ( 401688.9,
3781048.8,    303.0,    1259.2,       0.0);
    ( 401708.9, 3781048.8,     302.5,    1259.2,       0.0);       ( 401728.9,
3781048.8,    301.9,    1259.2,       0.0);
    ( 401748.9, 3781048.8,     301.3,    1259.2,       0.0);       ( 401768.9,
3781048.8,    300.6,    1259.2,       0.0);
    ( 401788.9, 3781048.8,     300.2,    1259.2,       0.0);       ( 401808.9,
3781048.8,    299.6,    1259.2,       0.0);
    ( 401828.9, 3781048.8,     299.8,    1259.2,       0.0);       ( 401848.9,
3781048.8,    299.7,    1259.2,       0.0);
    ( 401868.9, 3781048.8,     299.1,    1259.2,       0.0);       ( 401888.9,
3781048.8,    299.0,    1259.2,       0.0);
    ( 401908.9, 3781048.8,     298.4,    1259.2,       0.0);       ( 401928.9,
3781048.8,    298.2,    1259.2,       0.0);
    ( 401948.9, 3781048.8,     297.9,    1259.2,       0.0);       ( 401968.9,
3781048.8,    297.1,    1259.2,       0.0);
    ( 401988.9, 3781048.8,     296.7,    1259.2,       0.0);       ( 402008.9,
3781048.8,    295.9,    1259.2,       0.0);
    ( 402028.9, 3781048.8,     294.5,    1259.2,       0.0);       ( 402048.9,
3781048.8,    294.9,    1259.2,       0.0);
    ( 402068.9, 3781048.8,     294.6,    1259.2,       0.0);       ( 402088.9,
3781048.8,    294.4,    1259.2,       0.0);
    ( 402108.9, 3781048.8,     293.6,    1259.2,       0.0);       ( 402128.9,
3781048.8,    293.6,    1259.2,       0.0);
    ( 402148.9, 3781048.8,     293.2,    1259.2,       0.0);       ( 402168.9,
3781048.8,    293.6,    1259.2,       0.0);
    ( 402188.9, 3781048.8,     293.2,    1259.2,       0.0);       ( 402208.9,
3781048.8,    292.9,    1259.2,       0.0);
    ( 402228.9, 3781048.8,     293.6,    1259.2,       0.0);       ( 402248.9,
3781048.8,    293.7,    1259.2,       0.0);
    ( 402268.9, 3781048.8,     293.6,    1259.2,       0.0);       ( 402288.9,
3781048.8,    293.7,    1259.2,       0.0);
    ( 402308.9, 3781048.8,     293.0,    1259.2,       0.0);       ( 402328.9,
3781048.8,    292.9,    1259.2,       0.0);
    ( 402348.9, 3781048.8,     293.0,    1259.2,       0.0);       ( 402368.9,
3781048.8,    292.9,    1259.2,       0.0);
    ( 402388.9, 3781048.8,     293.1,    1259.2,       0.0);       ( 402408.9,
3781048.8,    292.9,    1259.2,       0.0);
```

```
     ( 402428.9, 3781048.8,    292.8,    1259.2,        0.0);        ( 402448.9,
3781048.8,    292.6,   1259.2,       0.0);
     ( 402468.9, 3781048.8,    292.4,    1259.2,        0.0);        ( 402488.9,
3781048.8,    292.2,   1259.2,       0.0);
     ( 402508.9, 3781048.8,    291.8,    1259.2,        0.0);        ( 401308.9,
3781068.8,    309.6,   1259.2,       0.0);
     ( 401328.9, 3781068.8,    309.1,    1259.2,        0.0);        ( 401348.9,
3781068.8,    309.0,   1259.2,       0.0);
     ( 401368.9, 3781068.8,    308.5,    1259.2,        0.0);        ( 401388.9,
3781068.8,    308.6,   1259.2,       0.0);
     ( 401408.9, 3781068.8,    308.6,    1259.2,        0.0);        ( 401428.9,
3781068.8,    308.8,   1259.2,       0.0);
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 76
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** DISCRETE CARTESIAN RECEPTORS ***
                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)


```
     ( 401448.9, 3781068.8,    308.1,    1259.2,        0.0);        ( 401468.9,
3781068.8,    307.3,   1259.2,       0.0);
     ( 401488.9, 3781068.8,    307.3,    1259.2,        0.0);        ( 401508.9,
3781068.8,    307.1,   1259.2,       0.0);
     ( 401528.9, 3781068.8,    307.0,    1259.2,        0.0);        ( 401548.9,
3781068.8,    305.8,   1259.2,       0.0);
     ( 401568.9, 3781068.8,    305.5,    1259.2,        0.0);        ( 401588.9,
3781068.8,    305.2,   1259.2,       0.0);
     ( 401608.9, 3781068.8,    305.9,    1259.2,        0.0);        ( 401628.9,
3781068.8,    306.4,   1259.2,       0.0);
     ( 401648.9, 3781068.8,    306.4,    1259.2,        0.0);        ( 401668.9,
3781068.8,    306.2,   1259.2,       0.0);
     ( 401688.9, 3781068.8,    304.8,    1259.2,        0.0);        ( 401708.9,
3781068.8,    303.8,   1259.2,       0.0);
     ( 401728.9, 3781068.8,    303.4,    1259.2,        0.0);        ( 401748.9,
3781068.8,    302.5,   1259.2,       0.0);
     ( 401768.9, 3781068.8,    301.8,    1259.2,        0.0);        ( 401788.9,
3781068.8,    301.3,   1259.2,       0.0);
     ( 401808.9, 3781068.8,    301.3,    1259.2,        0.0);        ( 401828.9,
3781068.8,    301.2,   1259.2,       0.0);
     ( 401848.9, 3781068.8,    301.1,    1259.2,        0.0);        ( 401868.9,
3781068.8,    300.4,   1259.2,       0.0);
     ( 401888.9, 3781068.8,    300.3,    1259.2,        0.0);        ( 401908.9,
3781068.8,    299.5,   1259.2,       0.0);
     ( 401928.9, 3781068.8,    299.3,    1259.2,        0.0);        ( 401948.9,
3781068.8,    299.2,   1259.2,       0.0);
```

```
    ( 401968.9, 3781068.8,      299.0,     1259.2,         0.0);        ( 401988.9,
3781068.8,     298.2,    1259.2,        0.0);
    ( 402008.9, 3781068.8,      297.8,     1259.2,         0.0);        ( 402028.9,
3781068.8,     295.7,    1259.2,        0.0);
    ( 402048.9, 3781068.8,      296.4,     1259.2,         0.0);        ( 402068.9,
3781068.8,     296.2,    1259.2,        0.0);
    ( 402088.9, 3781068.8,      295.9,     1259.2,         0.0);        ( 402108.9,
3781068.8,     294.9,    1259.2,        0.0);
    ( 402128.9, 3781068.8,      294.9,     1259.2,         0.0);        ( 402148.9,
3781068.8,     294.7,    1259.2,        0.0);
    ( 402168.9, 3781068.8,      294.1,     1259.2,         0.0);        ( 402188.9,
3781068.8,     294.1,    1259.2,        0.0);
    ( 402208.9, 3781068.8,      294.2,     1259.2,         0.0);        ( 402228.9,
3781068.8,     294.6,    1259.2,        0.0);
    ( 402248.9, 3781068.8,      294.7,     1259.2,         0.0);        ( 402268.9,
3781068.8,     294.8,    1259.2,        0.0);
    ( 402288.9, 3781068.8,      294.6,     1259.2,         0.0);        ( 402308.9,
3781068.8,     294.3,    1259.2,        0.0);
    ( 402328.9, 3781068.8,      294.0,     1259.2,         0.0);        ( 402348.9,
3781068.8,     294.0,    1259.2,        0.0);
    ( 402368.9, 3781068.8,      294.5,     1259.2,         0.0);        ( 402388.9,
3781068.8,     294.7,    1259.2,        0.0);
    ( 402408.9, 3781068.8,      294.6,     1259.2,         0.0);        ( 402428.9,
3781068.8,     294.5,    1259.2,        0.0);
    ( 402448.9, 3781068.8,      294.2,     1259.2,         0.0);        ( 402468.9,
3781068.8,     293.7,    1259.2,        0.0);
    ( 402488.9, 3781068.8,      293.3,     1259.2,         0.0);        ( 402508.9,
3781068.8,     293.0,    1259.2,        0.0);
    ( 401308.9, 3781088.8,      311.5,     1259.2,         0.0);        ( 401328.9,
3781088.8,     310.6,    1259.2,        0.0);
    ( 401348.9, 3781088.8,      310.4,     1259.2,         0.0);        ( 401368.9,
3781088.8,     309.9,    1259.2,        0.0);
    ( 401388.9, 3781088.8,      310.3,     1259.2,         0.0);        ( 401408.9,
3781088.8,     309.8,    1259.2,        0.0);
    ( 401428.9, 3781088.8,      310.3,     1259.2,         0.0);        ( 401448.9,
3781088.8,     309.5,    1259.2,        0.0);
    ( 401468.9, 3781088.8,      308.7,     1259.2,         0.0);        ( 401488.9,
3781088.8,     309.0,    1259.2,        0.0);
    ( 401508.9, 3781088.8,      308.2,     1259.2,         0.0);        ( 401528.9,
3781088.8,     308.0,    1259.2,        0.0);
    ( 401548.9, 3781088.8,      307.2,     1259.2,         0.0);        ( 401568.9,
3781088.8,     307.2,    1259.2,        0.0);
    ( 401588.9, 3781088.8,      306.8,     1259.2,         0.0);        ( 401608.9,
3781088.8,     307.1,    1259.2,        0.0);
    ( 401628.9, 3781088.8,      306.9,     1259.2,         0.0);        ( 401648.9,
3781088.8,     306.8,    1259.2,        0.0);
    ( 401668.9, 3781088.8,      306.8,     1259.2,         0.0);        ( 401688.9,
3781088.8,     306.6,    1259.2,        0.0);
    ( 401708.9, 3781088.8,      304.9,     1259.2,         0.0);        ( 401728.9,
3781088.8,     304.3,    1259.2,        0.0);
```

```
    ( 401748.9, 3781088.8,     303.8,    1259.2,        0.0);         ( 401768.9,
3781088.8,     303.1,    1259.2,        0.0);
    ( 401788.9, 3781088.8,     302.6,    1259.2,        0.0);         ( 401808.9,
3781088.8,     302.5,    1259.2,        0.0);
    ( 401828.9, 3781088.8,     302.4,    1259.2,        0.0);         ( 401848.9,
3781088.8,     302.3,    1259.2,        0.0);
    ( 401868.9, 3781088.8,     301.7,    1259.2,        0.0);         ( 401888.9,
3781088.8,     301.5,    1259.2,        0.0);
    ( 401908.9, 3781088.8,     300.9,    1259.2,        0.0);         ( 401928.9,
3781088.8,     300.5,    1259.2,        0.0);
    ( 401948.9, 3781088.8,     300.0,    1259.2,        0.0);         ( 401968.9,
3781088.8,     299.3,    1259.2,        0.0);
    ( 401988.9, 3781088.8,     298.9,    1259.2,        0.0);         ( 402008.9,
3781088.8,     298.3,    1259.2,        0.0);
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                           PAGE 77
  *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** DISCRETE CARTESIAN RECEPTORS ***
                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)

```
    ( 402028.9, 3781088.8,     296.9,    1259.2,        0.0);         ( 402048.9,
3781088.8,     297.4,    1259.2,        0.0);
    ( 402068.9, 3781088.8,     297.8,    1259.2,        0.0);         ( 402088.9,
3781088.8,     296.8,    1259.2,        0.0);
    ( 402108.9, 3781088.8,     296.4,    1259.2,        0.0);         ( 402128.9,
3781088.8,     296.1,    1259.2,        0.0);
    ( 402148.9, 3781088.8,     295.7,    1259.2,        0.0);         ( 402168.9,
3781088.8,     295.0,    1259.2,        0.0);
    ( 402188.9, 3781088.8,     295.2,    1259.2,        0.0);         ( 402208.9,
3781088.8,     295.5,    1259.2,        0.0);
    ( 402228.9, 3781088.8,     295.9,    1259.2,        0.0);         ( 402248.9,
3781088.8,     296.1,    1259.2,        0.0);
    ( 402268.9, 3781088.8,     296.2,    1259.2,        0.0);         ( 402288.9,
3781088.8,     296.2,    1259.2,        0.0);
    ( 402308.9, 3781088.8,     295.7,    1259.2,        0.0);         ( 402328.9,
3781088.8,     295.6,    1259.2,        0.0);
    ( 402348.9, 3781088.8,     295.5,    1259.2,        0.0);         ( 402368.9,
3781088.8,     295.5,    1259.2,        0.0);
    ( 402388.9, 3781088.8,     296.1,    1259.2,        0.0);         ( 402408.9,
3781088.8,     296.0,    1259.2,        0.0);
    ( 402428.9, 3781088.8,     295.9,    1259.2,        0.0);         ( 402448.9,
3781088.8,     295.2,    1259.2,        0.0);
    ( 402468.9, 3781088.8,     294.8,    1259.2,        0.0);         ( 402488.9,
3781088.8,     294.5,    1259.2,        0.0);
```

```
    ( 402508.9, 3781088.8,      294.2,    1259.2,         0.0);         ( 401308.9,
3781108.8,      313.0,    1259.2,         0.0);
    ( 401328.9, 3781108.8,      312.7,    1259.2,         0.0);         ( 401348.9,
3781108.8,      312.0,    1259.2,         0.0);
    ( 401368.9, 3781108.8,      311.4,    1259.2,         0.0);         ( 401388.9,
3781108.8,      312.0,    1259.2,         0.0);
    ( 401408.9, 3781108.8,      311.4,    1259.2,         0.0);         ( 401428.9,
3781108.8,      311.6,    1259.2,         0.0);
    ( 401448.9, 3781108.8,      310.8,    1259.2,         0.0);         ( 401468.9,
3781108.8,      310.5,    1259.2,         0.0);
    ( 401488.9, 3781108.8,      310.9,    1259.2,         0.0);         ( 401508.9,
3781108.8,      309.8,    1259.2,         0.0);
    ( 401528.9, 3781108.8,      309.5,    1259.2,         0.0);         ( 401548.9,
3781108.8,      308.5,    1259.2,         0.0);
    ( 401568.9, 3781108.8,      308.6,    1259.2,         0.0);         ( 401588.9,
3781108.8,      308.3,    1259.2,         0.0);
    ( 401608.9, 3781108.8,      308.2,    1259.2,         0.0);         ( 401628.9,
3781108.8,      308.2,    1259.2,         0.0);
    ( 401648.9, 3781108.8,      308.3,    1259.2,         0.0);         ( 401668.9,
3781108.8,      308.5,    1259.2,         0.0);
    ( 401688.9, 3781108.8,      308.1,    1259.2,         0.0);         ( 401708.9,
3781108.8,      306.2,    1259.2,         0.0);
    ( 401728.9, 3781108.8,      305.7,    1259.2,         0.0);         ( 401748.9,
3781108.8,      305.1,    1259.2,         0.0);
    ( 401768.9, 3781108.8,      304.4,    1259.2,         0.0);         ( 401788.9,
3781108.8,      304.1,    1259.2,         0.0);
    ( 401808.9, 3781108.8,      304.1,    1259.2,         0.0);         ( 401828.9,
3781108.8,      303.8,    1259.2,         0.0);
    ( 401848.9, 3781108.8,      303.6,    1259.2,         0.0);         ( 401868.9,
3781108.8,      303.0,    1259.2,         0.0);
    ( 401888.9, 3781108.8,      302.9,    1259.2,         0.0);         ( 401908.9,
3781108.8,      302.2,    1259.2,         0.0);
    ( 401928.9, 3781108.8,      301.9,    1259.2,         0.0);         ( 401948.9,
3781108.8,      301.4,    1259.2,         0.0);
    ( 401968.9, 3781108.8,      300.4,    1259.2,         0.0);         ( 401988.9,
3781108.8,      299.1,    1259.2,         0.0);
    ( 402008.9, 3781108.8,      299.1,    1259.2,         0.0);         ( 402028.9,
3781108.8,      298.1,    1259.2,         0.0);
    ( 402048.9, 3781108.8,      298.9,    1259.2,         0.0);         ( 402068.9,
3781108.8,      298.7,    1259.2,         0.0);
    ( 402088.9, 3781108.8,      298.0,    1259.2,         0.0);         ( 402108.9,
3781108.8,      297.7,    1259.2,         0.0);
    ( 402128.9, 3781108.8,      297.6,    1259.2,         0.0);         ( 402148.9,
3781108.8,      297.8,    1259.2,         0.0);
    ( 402168.9, 3781108.8,      296.5,    1259.2,         0.0);         ( 402188.9,
3781108.8,      297.0,    1259.2,         0.0);
    ( 402208.9, 3781108.8,      297.0,    1259.2,         0.0);         ( 402228.9,
3781108.8,      297.4,    1259.2,         0.0);
    ( 402248.9, 3781108.8,      297.5,    1259.2,         0.0);         ( 402268.9,
3781108.8,      297.4,    1259.2,         0.0);
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     ( 402288.9, 3781108.8,     297.4,    1259.2,        0.0);       ( 402308.9,
3781108.8,     297.0,    1259.2,       0.0);
     ( 402328.9, 3781108.8,     297.1,    1259.2,        0.0);       ( 402348.9,
3781108.8,     297.1,    1259.2,       0.0);
     ( 402368.9, 3781108.8,     297.6,    1259.2,        0.0);       ( 402388.9,
3781108.8,     297.9,    1259.2,       0.0);
     ( 402408.9, 3781108.8,     297.4,    1259.2,        0.0);       ( 402428.9,
3781108.8,     296.9,    1259.2,       0.0);
     ( 402448.9, 3781108.8,     297.1,    1259.2,        0.0);       ( 402468.9,
3781108.8,     296.1,    1259.2,       0.0);
     ( 402488.9, 3781108.8,     295.7,    1259.2,        0.0);       ( 402508.9,
3781108.8,     295.5,    1259.2,       0.0);
     ( 401308.9, 3781128.8,     314.5,    1259.2,        0.0);       ( 401328.9,
3781128.8,     314.2,    1259.2,       0.0);
     ( 401348.9, 3781128.8,     313.6,    1259.2,        0.0);       ( 401368.9,
3781128.8,     312.9,    1259.2,       0.0);
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 78
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                     (METERS)

```
     ( 401388.9, 3781128.8,     313.5,    1259.2,        0.0);       ( 401408.9,
3781128.8,     313.5,    1259.2,       0.0);
     ( 401428.9, 3781128.8,     313.4,    1259.2,        0.0);       ( 401448.9,
3781128.8,     312.3,    1259.2,       0.0);
     ( 401468.9, 3781128.8,     312.0,    1259.2,        0.0);       ( 401488.9,
3781128.8,     312.4,    1259.2,       0.0);
     ( 401508.9, 3781128.8,     311.8,    1259.2,        0.0);       ( 401528.9,
3781128.8,     311.5,    1259.2,       0.0);
     ( 401548.9, 3781128.8,     309.9,    1259.2,        0.0);       ( 401568.9,
3781128.8,     310.0,    1259.2,       0.0);
     ( 401588.9, 3781128.8,     309.4,    1259.2,        0.0);       ( 401608.9,
3781128.8,     309.5,    1259.2,       0.0);
     ( 401628.9, 3781128.8,     309.3,    1259.2,        0.0);       ( 401648.9,
3781128.8,     309.5,    1259.2,       0.0);
     ( 401668.9, 3781128.8,     309.0,    1259.2,        0.0);       ( 401688.9,
3781128.8,     308.4,    1259.2,       0.0);
     ( 401708.9, 3781128.8,     307.6,    1259.2,        0.0);       ( 401728.9,
3781128.8,     307.1,    1259.2,       0.0);
     ( 401748.9, 3781128.8,     306.6,    1259.2,        0.0);       ( 401768.9,
3781128.8,     306.0,    1259.2,       0.0);
     ( 401788.9, 3781128.8,     305.9,    1259.2,        0.0);       ( 401808.9,
3781128.8,     305.5,    1259.2,       0.0);
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    ( 401828.9, 3781128.8,      305.2,     1259.2,        0.0);        ( 401848.9,
3781128.8,      305.2,     1259.2,        0.0);
    ( 401868.9, 3781128.8,      304.3,     1259.2,        0.0);        ( 401888.9,
3781128.8,      304.2,     1259.2,        0.0);
    ( 401908.9, 3781128.8,      303.8,     1259.2,        0.0);        ( 401928.9,
3781128.8,      303.1,     1259.2,        0.0);
    ( 401948.9, 3781128.8,      302.6,     1259.2,        0.0);        ( 401968.9,
3781128.8,      301.4,     1259.2,        0.0);
    ( 401988.9, 3781128.8,      300.9,     1259.2,        0.0);        ( 402008.9,
3781128.8,      299.9,     1259.2,        0.0);
    ( 402028.9, 3781128.8,      299.9,     1259.2,        0.0);        ( 402048.9,
3781128.8,      299.8,     1259.2,        0.0);
    ( 402068.9, 3781128.8,      300.1,     1259.2,        0.0);        ( 402088.9,
3781128.8,      299.4,     1259.2,        0.0);
    ( 402108.9, 3781128.8,      298.8,     1259.2,        0.0);        ( 402128.9,
3781128.8,      298.6,     1259.2,        0.0);
    ( 402148.9, 3781128.8,      298.1,     1259.2,        0.0);        ( 402168.9,
3781128.8,      298.2,     1259.2,        0.0);
    ( 402188.9, 3781128.8,      298.5,     1259.2,        0.0);        ( 402208.9,
3781128.8,      298.6,     1259.2,        0.0);
    ( 402228.9, 3781128.8,      298.8,     1259.2,        0.0);        ( 402248.9,
3781128.8,      298.8,     1259.2,        0.0);
    ( 402268.9, 3781128.8,      298.8,     1259.2,        0.0);        ( 402288.9,
3781128.8,      298.5,     1259.2,        0.0);
    ( 402308.9, 3781128.8,      298.3,     1259.2,        0.0);        ( 402328.9,
3781128.8,      298.8,     1259.2,        0.0);
    ( 402348.9, 3781128.8,      298.8,     1259.2,        0.0);        ( 402368.9,
3781128.8,      298.6,     1259.2,        0.0);
    ( 402388.9, 3781128.8,      298.5,     1259.2,        0.0);        ( 402408.9,
3781128.8,      298.7,     1259.2,        0.0);
    ( 402428.9, 3781128.8,      298.1,     1259.2,        0.0);        ( 402448.9,
3781128.8,      298.3,     1259.2,        0.0);
    ( 402468.9, 3781128.8,      297.5,     1259.2,        0.0);        ( 402488.9,
3781128.8,      297.0,     1259.2,        0.0);
    ( 402508.9, 3781128.8,      296.8,     1259.2,        0.0);        ( 401308.9,
3781148.8,      316.0,     1259.2,        0.0);
    ( 401328.9, 3781148.8,      316.1,     1259.2,        0.0);        ( 401348.9,
3781148.8,      316.0,     1259.2,        0.0);
    ( 401368.9, 3781148.8,      314.6,     1259.2,        0.0);        ( 401388.9,
3781148.8,      314.3,     1259.2,        0.0);
    ( 401408.9, 3781148.8,      314.9,     1259.2,        0.0);        ( 401428.9,
3781148.8,      314.6,     1259.2,        0.0);
    ( 401448.9, 3781148.8,      313.9,     1259.2,        0.0);        ( 401468.9,
3781148.8,      313.5,     1259.2,        0.0);
    ( 401488.9, 3781148.8,      314.2,     1259.2,        0.0);        ( 401508.9,
3781148.8,      313.3,     1259.2,        0.0);
    ( 401528.9, 3781148.8,      312.5,     1259.2,        0.0);        ( 401548.9,
3781148.8,      311.2,     1259.2,        0.0);
    ( 401568.9, 3781148.8,      311.2,     1259.2,        0.0);        ( 401588.9,
3781148.8,      311.0,     1259.2,        0.0);
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   ( 401608.9, 3781148.8,     310.8,     1259.2,        0.0);           ( 401628.9,
3781148.8,      310.7,    1259.2,        0.0);
   ( 401648.9, 3781148.8,     310.4,     1259.2,        0.0);           ( 401668.9,
3781148.8,      309.8,    1259.2,        0.0);
   ( 401688.9, 3781148.8,     309.2,     1259.2,        0.0);           ( 401708.9,
3781148.8,      308.7,    1259.2,        0.0);
   ( 401728.9, 3781148.8,     308.2,     1259.2,        0.0);           ( 401748.9,
3781148.8,      307.8,    1259.2,        0.0);
   ( 401768.9, 3781148.8,     307.4,     1259.2,        0.0);           ( 401788.9,
3781148.8,      307.2,    1259.2,        0.0);
   ( 401808.9, 3781148.8,     306.8,     1259.2,        0.0);           ( 401828.9,
3781148.8,      306.5,    1259.2,        0.0);
   ( 401848.9, 3781148.8,     306.2,     1259.2,        0.0);           ( 401868.9,
3781148.8,      305.7,    1259.2,        0.0);
   ( 401888.9, 3781148.8,     305.1,     1259.2,        0.0);           ( 401908.9,
3781148.8,      304.5,    1259.2,        0.0);
   ( 401928.9, 3781148.8,     303.9,     1259.2,        0.0);           ( 401948.9,
3781148.8,      303.3,    1259.2,        0.0);
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                     ***   05:36:20

                     PAGE 79
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                            (METERS)

```
   ( 401968.9, 3781148.8,     302.3,     1259.2,        0.0);           ( 401988.9,
3781148.8,      302.0,    1259.2,        0.0);
   ( 402008.9, 3781148.8,     301.2,     1259.2,        0.0);           ( 402028.9,
3781148.8,      301.1,    1259.2,        0.0);
   ( 402048.9, 3781148.8,     300.8,     1259.2,        0.0);           ( 402068.9,
3781148.8,      300.8,    1259.2,        0.0);
   ( 402088.9, 3781148.8,     300.4,     1259.2,        0.0);           ( 402108.9,
3781148.8,      300.2,    1259.2,        0.0);
   ( 402128.9, 3781148.8,     300.0,     1259.2,        0.0);           ( 402148.9,
3781148.8,      299.8,    1259.2,        0.0);
   ( 402168.9, 3781148.8,     299.7,     1259.2,        0.0);           ( 402188.9,
3781148.8,      299.7,    1259.2,        0.0);
   ( 402208.9, 3781148.8,     299.6,     1259.2,        0.0);           ( 402228.9,
3781148.8,      299.5,    1259.2,        0.0);
   ( 402248.9, 3781148.8,     299.5,     1259.2,        0.0);           ( 402268.9,
3781148.8,      299.4,    1259.2,        0.0);
   ( 402288.9, 3781148.8,     299.3,     1259.2,        0.0);           ( 402308.9,
3781148.8,      299.3,    1259.2,        0.0);
   ( 402328.9, 3781148.8,     299.4,     1259.2,        0.0);           ( 402348.9,
3781148.8,      299.4,    1259.2,        0.0);
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```
   (  402368.9, 3781148.8,     299.3,    1259.2,       0.0);        ( 402388.9,
3781148.8,     299.2,    1259.2,       0.0);
   (  402408.9, 3781148.8,     299.2,    1259.2,       0.0);        ( 402428.9,
3781148.8,     299.1,    1259.2,       0.0);
   (  402448.9, 3781148.8,     298.9,    1259.2,       0.0);        ( 402468.9,
3781148.8,     298.5,    1259.2,       0.0);
   (  402488.9, 3781148.8,     298.0,    1259.2,       0.0);        ( 402508.9,
3781148.8,     297.6,    1259.2,       0.0);
   (  401308.9, 3781168.8,     317.3,    1259.2,       0.0);        ( 401328.9,
3781168.8,     317.3,    1259.2,       0.0);
   (  401348.9, 3781168.8,     317.3,    1259.2,       0.0);        ( 401368.9,
3781168.8,     316.1,    1259.2,       0.0);
   (  401388.9, 3781168.8,     316.4,    1259.2,       0.0);        ( 401408.9,
3781168.8,     316.4,    1259.2,       0.0);
   (  401428.9, 3781168.8,     316.2,    1259.2,       0.0);        ( 401448.9,
3781168.8,     315.3,    1259.2,       0.0);
   (  401468.9, 3781168.8,     315.1,    1259.2,       0.0);        ( 401488.9,
3781168.8,     315.3,    1259.2,       0.0);
   (  401508.9, 3781168.8,     314.5,    1259.2,       0.0);        ( 401528.9,
3781168.8,     314.3,    1259.2,       0.0);
   (  401548.9, 3781168.8,     312.6,    1259.2,       0.0);        ( 401568.9,
3781168.8,     313.0,    1259.2,       0.0);
   (  401588.9, 3781168.8,     312.9,    1259.2,       0.0);        ( 401608.9,
3781168.8,     312.8,    1259.2,       0.0);
   (  401628.9, 3781168.8,     312.3,    1259.2,       0.0);        ( 401648.9,
3781168.8,     312.3,    1259.2,       0.0);
   (  401668.9, 3781168.8,     311.3,    1259.2,       0.0);        ( 401688.9,
3781168.8,     310.6,    1259.2,       0.0);
   (  401708.9, 3781168.8,     310.2,    1259.2,       0.0);        ( 401728.9,
3781168.8,     309.5,    1259.2,       0.0);
   (  401748.9, 3781168.8,     309.4,    1259.2,       0.0);        ( 401768.9,
3781168.8,     309.0,    1259.2,       0.0);
   (  401788.9, 3781168.8,     308.8,    1259.2,       0.0);        ( 401808.9,
3781168.8,     308.5,    1259.2,       0.0);
   (  401828.9, 3781168.8,     308.1,    1259.2,       0.0);        ( 401848.9,
3781168.8,     308.2,    1259.2,       0.0);
   (  401868.9, 3781168.8,     306.8,    1259.2,       0.0);        ( 401888.9,
3781168.8,     307.1,    1259.2,       0.0);
   (  401908.9, 3781168.8,     306.4,    1259.2,       0.0);        ( 401928.9,
3781168.8,     305.4,    1259.2,       0.0);
   (  401948.9, 3781168.8,     304.9,    1259.2,       0.0);        ( 401968.9,
3781168.8,     304.3,    1259.2,       0.0);
   (  401988.9, 3781168.8,     303.5,    1259.2,       0.0);        ( 402008.9,
3781168.8,     302.5,    1259.2,       0.0);
   (  402028.9, 3781168.8,     302.5,    1259.2,       0.0);        ( 402048.9,
3781168.8,     302.4,    1259.2,       0.0);
   (  402068.9, 3781168.8,     302.4,    1259.2,       0.0);        ( 402088.9,
3781168.8,     302.1,    1259.2,       0.0);
   (  402108.9, 3781168.8,     302.3,    1259.2,       0.0);        ( 402128.9,
3781168.8,     301.5,    1259.2,       0.0);
```

(402148.9, 3781168.8,   301.3,   1259.2,   0.0);   (402168.9,
3781168.8,   301.4,   1259.2,   0.0);
     (402188.9, 3781168.8,   301.2,   1259.2,   0.0);   (402208.9,
3781168.8,   301.0,   1259.2,   0.0);
     (402228.9, 3781168.8,   301.5,   1259.2,   0.0);   (402248.9,
3781168.8,   301.4,   1259.2,   0.0);
     (402268.9, 3781168.8,   301.5,   1259.2,   0.0);   (402288.9,
3781168.8,   301.5,   1259.2,   0.0);
     (402308.9, 3781168.8,   300.7,   1259.2,   0.0);   (402328.9,
3781168.8,   301.4,   1259.2,   0.0);
     (402348.9, 3781168.8,   301.5,   1259.2,   0.0);   (402368.9,
3781168.8,   301.3,   1259.2,   0.0);
     (402388.9, 3781168.8,   301.4,   1259.2,   0.0);   (402408.9,
3781168.8,   301.2,   1259.2,   0.0);
     (402428.9, 3781168.8,   301.0,   1259.2,   0.0);   (402448.9,
3781168.8,   300.4,   1259.2,   0.0);
     (402468.9, 3781168.8,   300.4,   1259.2,   0.0);   (402488.9,
3781168.8,   298.9,   1259.2,   0.0);
     (402508.9, 3781168.8,   299.2,   1259.2,   0.0);   (401308.9,
3781188.8,   318.8,   1259.2,   0.0);

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 80
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                   *** DISCRETE CARTESIAN RECEPTORS ***
                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                             (METERS)

     (401328.9, 3781188.8,   318.8,   1259.2,   0.0);   (401348.9,
3781188.8,   318.7,   1259.2,   0.0);
     (401368.9, 3781188.8,   317.7,   1259.2,   0.0);   (401388.9,
3781188.8,   317.9,   1259.2,   0.0);
     (401408.9, 3781188.8,   317.9,   1259.2,   0.0);   (401428.9,
3781188.8,   317.8,   1259.2,   0.0);
     (401448.9, 3781188.8,   317.0,   1259.2,   0.0);   (401468.9,
3781188.8,   316.5,   1259.2,   0.0);
     (401488.9, 3781188.8,   316.7,   1259.2,   0.0);   (401508.9,
3781188.8,   315.9,   1259.2,   0.0);
     (401528.9, 3781188.8,   315.8,   1259.2,   0.0);   (401548.9,
3781188.8,   313.9,   1259.2,   0.0);
     (401568.9, 3781188.8,   314.4,   1259.2,   0.0);   (401588.9,
3781188.8,   314.2,   1259.2,   0.0);
     (401608.9, 3781188.8,   314.0,   1259.2,   0.0);   (401628.9,
3781188.8,   314.0,   1259.2,   0.0);
     (401648.9, 3781188.8,   313.5,   1259.2,   0.0);   (401668.9,
3781188.8,   312.4,   1259.2,   0.0);

```
    ( 401688.9, 3781188.8,      311.9,      1259.2,           0.0);          ( 401708.9,
3781188.8,      311.3,      1259.2,           0.0);
    ( 401728.9, 3781188.8,      310.9,      1259.2,           0.0);          ( 401748.9,
3781188.8,      310.7,      1259.2,           0.0);
    ( 401768.9, 3781188.8,      310.2,      1259.2,           0.0);          ( 401788.9,
3781188.8,      310.0,      1259.2,           0.0);
    ( 401808.9, 3781188.8,      309.5,      1259.2,           0.0);          ( 401828.9,
3781188.8,      309.2,      1259.2,           0.0);
    ( 401848.9, 3781188.8,      309.2,      1259.2,           0.0);          ( 401868.9,
3781188.8,      308.1,      1259.2,           0.0);
    ( 401888.9, 3781188.8,      308.2,      1259.2,           0.0);          ( 401908.9,
3781188.8,      307.8,      1259.2,           0.0);
    ( 401928.9, 3781188.8,      306.5,      1259.2,           0.0);          ( 401948.9,
3781188.8,      306.0,      1259.2,           0.0);
    ( 401968.9, 3781188.8,      305.2,      1259.2,           0.0);          ( 401988.9,
3781188.8,      304.6,      1259.2,           0.0);
    ( 402008.9, 3781188.8,      303.3,      1259.2,           0.0);          ( 402028.9,
3781188.8,      303.7,      1259.2,           0.0);
    ( 402048.9, 3781188.8,      304.2,      1259.2,           0.0);          ( 402068.9,
3781188.8,      304.2,      1259.2,           0.0);
    ( 402088.9, 3781188.8,      303.7,      1259.2,           0.0);          ( 402108.9,
3781188.8,      303.5,      1259.2,           0.0);
    ( 402128.9, 3781188.8,      302.7,      1259.2,           0.0);          ( 402148.9,
3781188.8,      302.3,      1259.2,           0.0);
    ( 402168.9, 3781188.8,      302.0,      1259.2,           0.0);          ( 402188.9,
3781188.8,      302.6,      1259.2,           0.0);
    ( 402208.9, 3781188.8,      302.4,      1259.2,           0.0);          ( 402228.9,
3781188.8,      302.8,      1259.2,           0.0);
    ( 402248.9, 3781188.8,      303.0,      1259.2,           0.0);          ( 402268.9,
3781188.8,      303.2,      1259.2,           0.0);
    ( 402288.9, 3781188.8,      302.5,      1259.2,           0.0);          ( 402308.9,
3781188.8,      302.2,      1259.2,           0.0);
    ( 402328.9, 3781188.8,      303.2,      1259.2,           0.0);          ( 402348.9,
3781188.8,      303.2,      1259.2,           0.0);
    ( 402368.9, 3781188.8,      302.9,      1259.2,           0.0);          ( 402388.9,
3781188.8,      302.7,      1259.2,           0.0);
    ( 402408.9, 3781188.8,      302.3,      1259.2,           0.0);          ( 402428.9,
3781188.8,      301.8,      1259.2,           0.0);
    ( 402448.9, 3781188.8,      301.5,      1259.2,           0.0);          ( 402468.9,
3781188.8,      301.3,      1259.2,           0.0);
    ( 402488.9, 3781188.8,      300.0,      1259.2,           0.0);          ( 402508.9,
3781188.8,      300.0,      1259.2,           0.0);
    ( 401308.9, 3781208.8,      320.5,      1259.2,           0.0);          ( 401328.9,
3781208.8,      320.3,      1259.2,           0.0);
    ( 401348.9, 3781208.8,      320.3,      1259.2,           0.0);          ( 401368.9,
3781208.8,      319.3,      1259.2,           0.0);
    ( 401388.9, 3781208.8,      319.4,      1259.2,           0.0);          ( 401408.9,
3781208.8,      319.3,      1259.2,           0.0);
    ( 401428.9, 3781208.8,      319.1,      1259.2,           0.0);          ( 401448.9,
3781208.8,      318.6,      1259.2,           0.0);
```

```
   ( 401468.9, 3781208.8,    318.3,    1259.2,       0.0);       ( 401488.9,
3781208.8,    318.0,    1259.2,       0.0);
   ( 401508.9, 3781208.8,    317.4,    1259.2,       0.0);       ( 401528.9,
3781208.8,    317.2,    1259.2,       0.0);
   ( 401548.9, 3781208.8,    315.4,    1259.2,       0.0);       ( 401568.9,
3781208.8,    315.5,    1259.2,       0.0);
   ( 401588.9, 3781208.8,    315.5,    1259.2,       0.0);       ( 401608.9,
3781208.8,    315.7,    1259.2,       0.0);
   ( 401628.9, 3781208.8,    315.3,    1259.2,       0.0);       ( 401648.9,
3781208.8,    314.5,    1259.2,       0.0);
   ( 401668.9, 3781208.8,    313.7,    1259.2,       0.0);       ( 401688.9,
3781208.8,    313.0,    1259.2,       0.0);
   ( 401708.9, 3781208.8,    312.6,    1259.2,       0.0);       ( 401728.9,
3781208.8,    312.3,    1259.2,       0.0);
   ( 401748.9, 3781208.8,    312.2,    1259.2,       0.0);       ( 401768.9,
3781208.8,    311.6,    1259.2,       0.0);
   ( 401788.9, 3781208.8,    311.3,    1259.2,       0.0);       ( 401808.9,
3781208.8,    311.2,    1259.2,       0.0);
   ( 401828.9, 3781208.8,    310.5,    1259.2,       0.0);       ( 401848.9,
3781208.8,    310.2,    1259.2,       0.0);
   ( 401868.9, 3781208.8,    309.3,    1259.2,       0.0);       ( 401888.9,
3781208.8,    309.0,    1259.2,       0.0);
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                      *** DISCRETE CARTESIAN RECEPTORS ***
                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

```
   ( 401908.9, 3781208.8,    308.8,    1259.2,       0.0);       ( 401928.9,
3781208.8,    308.0,    1259.2,       0.0);
   ( 401948.9, 3781208.8,    307.3,    1259.2,       0.0);       ( 401968.9,
3781208.8,    306.7,    1259.2,       0.0);
   ( 401988.9, 3781208.8,    305.3,    1259.2,       0.0);       ( 402008.9,
3781208.8,    304.1,    1259.2,       0.0);
   ( 402028.9, 3781208.8,    305.0,    1259.2,       0.0);       ( 402048.9,
3781208.8,    305.6,    1259.2,       0.0);
   ( 402068.9, 3781208.8,    305.7,    1259.2,       0.0);       ( 402088.9,
3781208.8,    305.0,    1259.2,       0.0);
   ( 402108.9, 3781208.8,    304.9,    1259.2,       0.0);       ( 402128.9,
3781208.8,    304.5,    1259.2,       0.0);
   ( 402148.9, 3781208.8,    303.9,    1259.2,       0.0);       ( 402168.9,
3781208.8,    304.3,    1259.2,       0.0);
   ( 402188.9, 3781208.8,    304.2,    1259.2,       0.0);       ( 402208.9,
3781208.8,    304.1,    1259.2,       0.0);
```

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    ( 402228.9, 3781208.8,     304.2,    1259.2,        0.0);        ( 402248.9,
3781208.8,     304.2,    1259.2,        0.0);
    ( 402268.9, 3781208.8,     304.3,    1259.2,        0.0);        ( 402288.9,
3781208.8,     304.2,    1259.2,        0.0);
    ( 402308.9, 3781208.8,     303.7,    1259.2,        0.0);        ( 402328.9,
3781208.8,     304.3,    1259.2,        0.0);
    ( 402348.9, 3781208.8,     304.7,    1259.2,        0.0);        ( 402368.9,
3781208.8,     304.8,    1259.2,        0.0);
    ( 402388.9, 3781208.8,     304.4,    1259.2,        0.0);        ( 402408.9,
3781208.8,     303.9,    1259.2,        0.0);
    ( 402428.9, 3781208.8,     303.2,    1259.2,        0.0);        ( 402448.9,
3781208.8,     302.6,    1259.2,        0.0);
    ( 402468.9, 3781208.8,     302.1,    1259.2,        0.0);        ( 402488.9,
3781208.8,     300.9,    1259.2,        0.0);
    ( 402508.9, 3781208.8,     300.6,    1259.2,        0.0);        ( 401308.9,
3781228.8,     322.1,    1259.2,        0.0);
    ( 401328.9, 3781228.8,     321.9,    1259.2,        0.0);        ( 401348.9,
3781228.8,     321.9,    1259.2,        0.0);
    ( 401368.9, 3781228.8,     321.1,    1259.2,        0.0);        ( 401388.9,
3781228.8,     321.1,    1259.2,        0.0);
    ( 401408.9, 3781228.8,     321.1,    1259.2,        0.0);        ( 401428.9,
3781228.8,     320.9,    1259.2,        0.0);
    ( 401448.9, 3781228.8,     320.2,    1259.2,        0.0);        ( 401468.9,
3781228.8,     319.7,    1259.2,        0.0);
    ( 401488.9, 3781228.8,     319.5,    1259.2,        0.0);        ( 401508.9,
3781228.8,     319.0,    1259.2,        0.0);
    ( 401528.9, 3781228.8,     318.7,    1259.2,        0.0);        ( 401548.9,
3781228.8,     316.8,    1259.2,        0.0);
    ( 401568.9, 3781228.8,     316.5,    1259.2,        0.0);        ( 401588.9,
3781228.8,     316.7,    1259.2,        0.0);
    ( 401608.9, 3781228.8,     316.8,    1259.2,        0.0);        ( 401628.9,
3781228.8,     316.6,    1259.2,        0.0);
    ( 401648.9, 3781228.8,     315.9,    1259.2,        0.0);        ( 401668.9,
3781228.8,     315.1,    1259.2,        0.0);
    ( 401688.9, 3781228.8,     314.2,    1259.2,        0.0);        ( 401708.9,
3781228.8,     314.1,    1259.2,        0.0);
    ( 401728.9, 3781228.8,     313.9,    1259.2,        0.0);        ( 401748.9,
3781228.8,     313.4,    1259.2,        0.0);
    ( 401768.9, 3781228.8,     312.9,    1259.2,        0.0);        ( 401788.9,
3781228.8,     312.8,    1259.2,        0.0);
    ( 401808.9, 3781228.8,     312.1,    1259.2,        0.0);        ( 401828.9,
3781228.8,     311.8,    1259.2,        0.0);
    ( 401848.9, 3781228.8,     311.4,    1259.2,        0.0);        ( 401868.9,
3781228.8,     310.4,    1259.2,        0.0);
    ( 401888.9, 3781228.8,     310.0,    1259.2,        0.0);        ( 401908.9,
3781228.8,     309.7,    1259.2,        0.0);
    ( 401928.9, 3781228.8,     309.4,    1259.2,        0.0);        ( 401948.9,
3781228.8,     308.6,    1259.2,        0.0);
    ( 401968.9, 3781228.8,     307.6,    1259.2,        0.0);        ( 401988.9,
3781228.8,     306.0,    1259.2,        0.0);
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(402008.9, 3781228.8,   305.5,   1259.2,   0.0);   (402028.9,
3781228.8,   305.9,   1259.2,   0.0);
      (402048.9, 3781228.8,   306.7,   1259.2,   0.0);   (402068.9,
3781228.8,   307.0,   1259.2,   0.0);
      (402088.9, 3781228.8,   306.7,   1259.2,   0.0);   (402108.9,
3781228.8,   306.9,   1259.2,   0.0);
      (402128.9, 3781228.8,   306.0,   1259.2,   0.0);   (402148.9,
3781228.8,   305.7,   1259.2,   0.0);
      (402168.9, 3781228.8,   305.9,   1259.2,   0.0);   (402188.9,
3781228.8,   305.8,   1259.2,   0.0);
      (402208.9, 3781228.8,   305.6,   1259.2,   0.0);   (402228.9,
3781228.8,   305.5,   1259.2,   0.0);
      (402248.9, 3781228.8,   305.5,   1259.2,   0.0);   (402268.9,
3781228.8,   305.6,   1259.2,   0.0);
      (402288.9, 3781228.8,   305.3,   1259.2,   0.0);   (402308.9,
3781228.8,   305.1,   1259.2,   0.0);
      (402328.9, 3781228.8,   305.6,   1259.2,   0.0);   (402348.9,
3781228.8,   306.1,   1259.2,   0.0);
      (402368.9, 3781228.8,   306.0,   1259.2,   0.0);   (402388.9,
3781228.8,   305.2,   1259.2,   0.0);
      (402408.9, 3781228.8,   305.0,   1259.2,   0.0);   (402428.9,
3781228.8,   304.9,   1259.2,   0.0);
      (402448.9, 3781228.8,   304.0,   1259.2,   0.0);   (402468.9,
3781228.8,   303.5,   1259.2,   0.0);

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                                      *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

      (402488.9, 3781228.8,   302.0,   1259.2,   0.0);   (402508.9,
3781228.8,   301.3,   1259.2,   0.0);
      (401308.9, 3781248.8,   323.6,   1259.2,   0.0);   (401328.9,
3781248.8,   323.5,   1259.2,   0.0);
      (401348.9, 3781248.8,   323.3,   1259.2,   0.0);   (401368.9,
3781248.8,   323.0,   1259.2,   0.0);
      (401388.9, 3781248.8,   322.9,   1259.2,   0.0);   (401408.9,
3781248.8,   322.7,   1259.2,   0.0);
      (401428.9, 3781248.8,   322.2,   1259.2,   0.0);   (401448.9,
3781248.8,   321.8,   1259.2,   0.0);
      (401468.9, 3781248.8,   321.3,   1259.2,   0.0);   (401488.9,
3781248.8,   320.8,   1259.2,   0.0);
      (401508.9, 3781248.8,   320.2,   1259.2,   0.0);   (401528.9,
3781248.8,   319.8,   1259.2,   0.0);

```
      ( 401548.9, 3781248.8,     318.4,    1259.2,        0.0);        ( 401568.9,
3781248.8,     318.9,    1259.2,        0.0);
      ( 401588.9, 3781248.8,     318.6,    1259.2,        0.0);        ( 401608.9,
3781248.8,     318.3,    1259.2,        0.0);
      ( 401628.9, 3781248.8,     317.9,    1259.2,        0.0);        ( 401648.9,
3781248.8,     317.1,    1259.2,        0.0);
      ( 401668.9, 3781248.8,     316.3,    1259.2,        0.0);        ( 401688.9,
3781248.8,     315.8,    1259.2,        0.0);
      ( 401708.9, 3781248.8,     315.4,    1259.2,        0.0);        ( 401728.9,
3781248.8,     315.0,    1259.2,        0.0);
      ( 401748.9, 3781248.8,     314.9,    1259.2,        0.0);        ( 401768.9,
3781248.8,     314.2,    1259.2,        0.0);
      ( 401788.9, 3781248.8,     314.0,    1259.2,        0.0);        ( 401808.9,
3781248.8,     313.7,    1259.2,        0.0);
      ( 401828.9, 3781248.8,     313.0,    1259.2,        0.0);        ( 401848.9,
3781248.8,     312.6,    1259.2,        0.0);
      ( 401868.9, 3781248.8,     311.6,    1259.2,        0.0);        ( 401888.9,
3781248.8,     311.5,    1259.2,        0.0);
      ( 401908.9, 3781248.8,     311.2,    1259.2,        0.0);        ( 401928.9,
3781248.8,     310.7,    1259.2,        0.0);
      ( 401948.9, 3781248.8,     309.4,    1259.2,        0.0);        ( 401968.9,
3781248.8,     308.3,    1259.2,        0.0);
      ( 401988.9, 3781248.8,     307.7,    1259.2,        0.0);        ( 402008.9,
3781248.8,     307.0,    1259.2,        0.0);
      ( 402028.9, 3781248.8,     307.6,    1259.2,        0.0);        ( 402048.9,
3781248.8,     308.0,    1259.2,        0.0);
      ( 402068.9, 3781248.8,     308.2,    1259.2,        0.0);        ( 402088.9,
3781248.8,     308.1,    1259.2,        0.0);
      ( 402108.9, 3781248.8,     307.8,    1259.2,        0.0);        ( 402128.9,
3781248.8,     307.7,    1259.2,        0.0);
      ( 402148.9, 3781248.8,     307.3,    1259.2,        0.0);        ( 402168.9,
3781248.8,     307.3,    1259.2,        0.0);
      ( 402188.9, 3781248.8,     307.5,    1259.2,        0.0);        ( 402208.9,
3781248.8,     307.4,    1259.2,        0.0);
      ( 402228.9, 3781248.8,     307.2,    1259.2,        0.0);        ( 402248.9,
3781248.8,     306.9,    1259.2,        0.0);
      ( 402268.9, 3781248.8,     307.0,    1259.2,        0.0);        ( 402288.9,
3781248.8,     306.8,    1259.2,        0.0);
      ( 402308.9, 3781248.8,     306.7,    1259.2,        0.0);        ( 402328.9,
3781248.8,     307.1,    1259.2,        0.0);
      ( 402348.9, 3781248.8,     307.9,    1259.2,        0.0);        ( 402368.9,
3781248.8,     307.3,    1259.2,        0.0);
      ( 402388.9, 3781248.8,     307.0,    1259.2,        0.0);        ( 402408.9,
3781248.8,     306.4,    1259.2,        0.0);
      ( 402428.9, 3781248.8,     306.0,    1259.2,        0.0);        ( 402448.9,
3781248.8,     304.9,    1259.2,        0.0);
      ( 402468.9, 3781248.8,     304.4,    1259.2,        0.0);        ( 402488.9,
3781248.8,     303.1,    1259.2,        0.0);
      ( 402508.9, 3781248.8,     302.9,    1259.2,        0.0);        ( 401308.9,
3781268.8,     324.9,    1259.2,        0.0);
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```
     ( 401328.9, 3781268.8,     324.8,     1259.2,        0.0);        ( 401348.9,
3781268.8,     324.4,    1259.2,       0.0);
     ( 401368.9, 3781268.8,     324.0,     1259.2,        0.0);        ( 401388.9,
3781268.8,     323.8,    1259.2,       0.0);
     ( 401408.9, 3781268.8,     323.6,     1259.2,        0.0);        ( 401428.9,
3781268.8,     323.3,    1259.2,       0.0);
     ( 401448.9, 3781268.8,     322.8,     1259.2,        0.0);        ( 401468.9,
3781268.8,     322.2,    1259.2,       0.0);
     ( 401488.9, 3781268.8,     321.6,     1259.2,        0.0);        ( 401508.9,
3781268.8,     321.0,    1259.2,       0.0);
     ( 401528.9, 3781268.8,     320.4,     1259.2,        0.0);        ( 401548.9,
3781268.8,     319.8,    1259.2,       0.0);
     ( 401568.9, 3781268.8,     319.7,     1259.2,        0.0);        ( 401588.9,
3781268.8,     319.2,    1259.2,       0.0);
     ( 401608.9, 3781268.8,     318.9,     1259.2,        0.0);        ( 401628.9,
3781268.8,     318.5,    1259.2,       0.0);
     ( 401648.9, 3781268.8,     318.1,     1259.2,        0.0);        ( 401668.9,
3781268.8,     317.6,    1259.2,       0.0);
     ( 401688.9, 3781268.8,     317.1,     1259.2,        0.0);        ( 401708.9,
3781268.8,     316.7,    1259.2,       0.0);
     ( 401728.9, 3781268.8,     316.4,     1259.2,        0.0);        ( 401748.9,
3781268.8,     316.0,    1259.2,       0.0);
     ( 401768.9, 3781268.8,     315.7,     1259.2,        0.0);        ( 401788.9,
3781268.8,     315.3,    1259.2,       0.0);
     ( 401808.9, 3781268.8,     314.9,     1259.2,        0.0);        ( 401828.9,
3781268.8,     314.4,    1259.2,       0.0);
```

⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                            (METERS)


```
     ( 401848.9, 3781268.8,     313.8,     1259.2,        0.0);        ( 401868.9,
3781268.8,     312.9,    1259.2,       0.0);
     ( 401888.9, 3781268.8,     312.7,     1259.2,        0.0);        ( 401908.9,
3781268.8,     312.4,    1259.2,       0.0);
     ( 401928.9, 3781268.8,     311.7,     1259.2,        0.0);        ( 401948.9,
3781268.8,     310.3,    1259.2,       0.0);
     ( 401968.9, 3781268.8,     309.7,     1259.2,        0.0);        ( 401988.9,
3781268.8,     309.6,    1259.2,       0.0);
     ( 402008.9, 3781268.8,     308.5,     1259.2,        0.0);        ( 402028.9,
3781268.8,     309.3,    1259.2,       0.0);
     ( 402048.9, 3781268.8,     309.6,     1259.2,        0.0);        ( 402068.9,
3781268.8,     309.8,    1259.2,       0.0);
```

```
      ( 402088.9, 3781268.8,      309.4,     1259.2,         0.0);         ( 402108.9,
3781268.8,      309.5,     1259.2,         0.0);
      ( 402128.9, 3781268.8,      309.1,     1259.2,         0.0);         ( 402148.9,
3781268.8,      309.1,     1259.2,         0.0);
      ( 402168.9, 3781268.8,      308.8,     1259.2,         0.0);         ( 402188.9,
3781268.8,      309.0,     1259.2,         0.0);
      ( 402208.9, 3781268.8,      308.8,     1259.2,         0.0);         ( 402228.9,
3781268.8,      308.9,     1259.2,         0.0);
      ( 402248.9, 3781268.8,      308.5,     1259.2,         0.0);         ( 402268.9,
3781268.8,      308.2,     1259.2,         0.0);
      ( 402288.9, 3781268.8,      308.2,     1259.2,         0.0);         ( 402308.9,
3781268.8,      308.1,     1259.2,         0.0);
      ( 402328.9, 3781268.8,      308.5,     1259.2,         0.0);         ( 402348.9,
3781268.8,      308.6,     1259.2,         0.0);
      ( 402368.9, 3781268.8,      308.4,     1259.2,         0.0);         ( 402388.9,
3781268.8,      308.0,     1259.2,         0.0);
      ( 402408.9, 3781268.8,      307.6,     1259.2,         0.0);         ( 402428.9,
3781268.8,      306.9,     1259.2,         0.0);
      ( 402448.9, 3781268.8,      306.0,     1259.2,         0.0);         ( 402468.9,
3781268.8,      305.5,     1259.2,         0.0);
      ( 402488.9, 3781268.8,      304.3,     1259.2,         0.0);         ( 402508.9,
3781268.8,      304.2,     1259.2,         0.0);
      ( 401308.9, 3781288.8,      326.5,     1259.2,         0.0);         ( 401328.9,
3781288.8,      326.2,     1259.2,         0.0);
      ( 401348.9, 3781288.8,      325.9,     1259.2,         0.0);         ( 401368.9,
3781288.8,      325.3,     1259.2,         0.0);
      ( 401388.9, 3781288.8,      325.3,     1259.2,         0.0);         ( 401408.9,
3781288.8,      325.5,     1259.2,         0.0);
      ( 401428.9, 3781288.8,      325.1,     1259.2,         0.0);         ( 401448.9,
3781288.8,      324.3,     1259.2,         0.0);
      ( 401468.9, 3781288.8,      323.6,     1259.2,         0.0);         ( 401488.9,
3781288.8,      323.3,     1259.2,         0.0);
      ( 401508.9, 3781288.8,      322.8,     1259.2,         0.0);         ( 401528.9,
3781288.8,      322.2,     1259.2,         0.0);
      ( 401548.9, 3781288.8,      321.3,     1259.2,         0.0);         ( 401568.9,
3781288.8,      321.5,     1259.2,         0.0);
      ( 401588.9, 3781288.8,      321.1,     1259.2,         0.0);         ( 401608.9,
3781288.8,      321.0,     1259.2,         0.0);
      ( 401628.9, 3781288.8,      320.2,     1259.2,         0.0);         ( 401648.9,
3781288.8,      319.3,     1259.2,         0.0);
      ( 401668.9, 3781288.8,      318.9,     1259.2,         0.0);         ( 401688.9,
3781288.8,      318.6,     1259.2,         0.0);
      ( 401708.9, 3781288.8,      318.5,     1259.2,         0.0);         ( 401728.9,
3781288.8,      317.8,     1259.2,         0.0);
      ( 401748.9, 3781288.8,      317.4,     1259.2,         0.0);         ( 401768.9,
3781288.8,      317.0,     1259.2,         0.0);
      ( 401788.9, 3781288.8,      316.8,     1259.2,         0.0);         ( 401808.9,
3781288.8,      316.3,     1259.2,         0.0);
      ( 401828.9, 3781288.8,      315.9,     1259.2,         0.0);         ( 401848.9,
3781288.8,      315.5,     1259.2,         0.0);
```

```
    ( 401868.9, 3781288.8,     314.2,    1259.2,       0.0);       ( 401888.9,
3781288.8,     314.2,    1259.2,       0.0);
    ( 401908.9, 3781288.8,     313.8,    1259.2,       0.0);       ( 401928.9,
3781288.8,     312.4,    1259.2,       0.0);
    ( 401948.9, 3781288.8,     312.0,    1259.2,       0.0);       ( 401968.9,
3781288.8,     311.2,    1259.2,       0.0);
    ( 401988.9, 3781288.8,     310.4,    1259.2,       0.0);       ( 402008.9,
3781288.8,     309.2,    1259.2,       0.0);
    ( 402028.9, 3781288.8,     309.5,    1259.2,       0.0);       ( 402048.9,
3781288.8,     310.2,    1259.2,       0.0);
    ( 402068.9, 3781288.8,     311.4,    1259.2,       0.0);       ( 402088.9,
3781288.8,     311.6,    1259.2,       0.0);
    ( 402108.9, 3781288.8,     311.1,    1259.2,       0.0);       ( 402128.9,
3781288.8,     310.7,    1259.2,       0.0);
    ( 402148.9, 3781288.8,     310.5,    1259.2,       0.0);       ( 402168.9,
3781288.8,     310.4,    1259.2,       0.0);
    ( 402188.9, 3781288.8,     310.4,    1259.2,       0.0);       ( 402208.9,
3781288.8,     310.3,    1259.2,       0.0);
    ( 402228.9, 3781288.8,     310.1,    1259.2,       0.0);       ( 402248.9,
3781288.8,     310.2,    1259.2,       0.0);
    ( 402268.9, 3781288.8,     309.7,    1259.2,       0.0);       ( 402288.9,
3781288.8,     309.7,    1259.2,       0.0);
    ( 402308.9, 3781288.8,     309.7,    1259.2,       0.0);       ( 402328.9,
3781288.8,     309.8,    1259.2,       0.0);
    ( 402348.9, 3781288.8,     310.0,    1259.2,       0.0);       ( 402368.9,
3781288.8,     309.9,    1259.2,       0.0);
    ( 402388.9, 3781288.8,     309.3,    1259.2,       0.0);       ( 402408.9,
3781288.8,     309.1,    1259.2,       0.0);
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 84
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)

```
    ( 402428.9, 3781288.8,     308.0,    1259.2,       0.0);       ( 402448.9,
3781288.8,     307.4,    1259.2,       0.0);
    ( 402468.9, 3781288.8,     306.5,    1259.2,       0.0);       ( 402488.9,
3781288.8,     305.4,    1259.2,       0.0);
    ( 402508.9, 3781288.8,     306.0,    1259.2,       0.0);       ( 401308.9,
3781308.8,     328.6,    1259.2,       0.0);
    ( 401328.9, 3781308.8,     328.1,    1259.2,       0.0);       ( 401348.9,
3781308.8,     327.9,    1259.2,       0.0);
    ( 401368.9, 3781308.8,     326.9,    1259.2,       0.0);       ( 401388.9,
3781308.8,     327.1,    1259.2,       0.0);
```

```
   ( 401408.9, 3781308.8,     327.3,     1259.2,        0.0);        ( 401428.9,
3781308.8,      326.4,     1259.2,        0.0);
   ( 401448.9, 3781308.8,     325.8,     1259.2,        0.0);        ( 401468.9,
3781308.8,      325.3,     1259.2,        0.0);
   ( 401488.9, 3781308.8,     325.1,     1259.2,        0.0);        ( 401508.9,
3781308.8,      324.6,     1259.2,        0.0);
   ( 401528.9, 3781308.8,     324.1,     1259.2,        0.0);        ( 401548.9,
3781308.8,      322.8,     1259.2,        0.0);
   ( 401568.9, 3781308.8,     322.8,     1259.2,        0.0);        ( 401588.9,
3781308.8,      322.6,     1259.2,        0.0);
   ( 401608.9, 3781308.8,     321.7,     1259.2,        0.0);        ( 401628.9,
3781308.8,      321.2,     1259.2,        0.0);
   ( 401648.9, 3781308.8,     320.6,     1259.2,        0.0);        ( 401668.9,
3781308.8,      320.1,     1259.2,        0.0);
   ( 401688.9, 3781308.8,     319.7,     1259.2,        0.0);        ( 401708.9,
3781308.8,      319.4,     1259.2,        0.0);
   ( 401728.9, 3781308.8,     318.8,     1259.2,        0.0);        ( 401748.9,
3781308.8,      318.4,     1259.2,        0.0);
   ( 401768.9, 3781308.8,     318.4,     1259.2,        0.0);        ( 401788.9,
3781308.8,      318.0,     1259.2,        0.0);
   ( 401808.9, 3781308.8,     317.6,     1259.2,        0.0);        ( 401828.9,
3781308.8,      317.0,     1259.2,        0.0);
   ( 401848.9, 3781308.8,     316.2,     1259.2,        0.0);        ( 401868.9,
3781308.8,      315.4,     1259.2,        0.0);
   ( 401888.9, 3781308.8,     315.2,     1259.2,        0.0);        ( 401908.9,
3781308.8,      314.5,     1259.2,        0.0);
   ( 401928.9, 3781308.8,     313.1,     1259.2,        0.0);        ( 401948.9,
3781308.8,      313.4,     1259.2,        0.0);
   ( 401968.9, 3781308.8,     311.7,     1259.2,        0.0);        ( 401988.9,
3781308.8,      311.5,     1259.2,        0.0);
   ( 402008.9, 3781308.8,     311.1,     1259.2,        0.0);        ( 402028.9,
3781308.8,      310.8,     1259.2,        0.0);
   ( 402048.9, 3781308.8,     311.2,     1259.2,        0.0);        ( 402068.9,
3781308.8,      312.5,     1259.2,        0.0);
   ( 402088.9, 3781308.8,     312.9,     1259.2,        0.0);        ( 402108.9,
3781308.8,      312.3,     1259.2,        0.0);
   ( 402128.9, 3781308.8,     312.3,     1259.2,        0.0);        ( 402148.9,
3781308.8,      312.5,     1259.2,        0.0);
   ( 402168.9, 3781308.8,     312.3,     1259.2,        0.0);        ( 402188.9,
3781308.8,      312.1,     1259.2,        0.0);
   ( 402208.9, 3781308.8,     311.7,     1259.2,        0.0);        ( 402228.9,
3781308.8,      311.6,     1259.2,        0.0);
   ( 402248.9, 3781308.8,     311.4,     1259.2,        0.0);        ( 402268.9,
3781308.8,      311.4,     1259.2,        0.0);
   ( 402288.9, 3781308.8,     311.4,     1259.2,        0.0);        ( 402308.9,
3781308.8,      311.2,     1259.2,        0.0);
   ( 402328.9, 3781308.8,     311.3,     1259.2,        0.0);        ( 402348.9,
3781308.8,      311.6,     1259.2,        0.0);
   ( 402368.9, 3781308.8,     311.3,     1259.2,        0.0);        ( 402388.9,
3781308.8,      310.9,     1259.2,        0.0);
```

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    ( 402408.9, 3781308.8,    310.2,    1259.2,       0.0);       ( 402428.9,
3781308.8,    309.5,    1259.2,       0.0);
    ( 402448.9, 3781308.8,    309.1,    1259.2,       0.0);       ( 402468.9,
3781308.8,    308.0,    1259.2,       0.0);
    ( 402488.9, 3781308.8,    306.6,    1259.2,       0.0);       ( 402508.9,
3781308.8,    308.2,    1259.2,       0.0);
    ( 401308.9, 3781328.8,    330.2,    1259.2,       0.0);       ( 401328.9,
3781328.8,    330.0,    1259.2,       0.0);
    ( 401348.9, 3781328.8,    329.9,    1259.2,       0.0);       ( 401368.9,
3781328.8,    328.6,    1259.2,       0.0);
    ( 401388.9, 3781328.8,    328.7,    1259.2,       0.0);       ( 401408.9,
3781328.8,    328.9,    1259.2,       0.0);
    ( 401428.9, 3781328.8,    328.1,    1259.2,       0.0);       ( 401448.9,
3781328.8,    327.7,    1259.2,       0.0);
    ( 401468.9, 3781328.8,    327.1,    1259.2,       0.0);       ( 401488.9,
3781328.8,    326.6,    1259.2,       0.0);
    ( 401508.9, 3781328.8,    326.5,    1259.2,       0.0);       ( 401528.9,
3781328.8,    325.7,    1259.2,       0.0);
    ( 401548.9, 3781328.8,    324.4,    1259.2,       0.0);       ( 401568.9,
3781328.8,    324.4,    1259.2,       0.0);
    ( 401588.9, 3781328.8,    324.3,    1259.2,       0.0);       ( 401608.9,
3781328.8,    323.7,    1259.2,       0.0);
    ( 401628.9, 3781328.8,    323.1,    1259.2,       0.0);       ( 401648.9,
3781328.8,    322.9,    1259.2,       0.0);
    ( 401668.9, 3781328.8,    321.8,    1259.2,       0.0);       ( 401688.9,
3781328.8,    321.8,    1259.2,       0.0);
    ( 401708.9, 3781328.8,    321.2,    1259.2,       0.0);       ( 401728.9,
3781328.8,    320.5,    1259.2,       0.0);
    ( 401748.9, 3781328.8,    319.7,    1259.2,       0.0);       ( 401768.9,
3781328.8,    319.7,    1259.2,       0.0);
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                           PAGE 85
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)


```
    ( 401788.9, 3781328.8,    319.3,    1259.2,       0.0);       ( 401808.9,
3781328.8,    318.8,    1259.2,       0.0);
    ( 401828.9, 3781328.8,    318.8,    1259.2,       0.0);       ( 401848.9,
3781328.8,    317.4,    1259.2,       0.0);
    ( 401868.9, 3781328.8,    316.7,    1259.2,       0.0);       ( 401888.9,
3781328.8,    316.5,    1259.2,       0.0);
    ( 401908.9, 3781328.8,    315.5,    1259.2,       0.0);       ( 401928.9,
3781328.8,    315.4,    1259.2,       0.0);
```

(401948.9, 3781328.8,   315.8,   1259.2,   0.0);   (401968.9,
3781328.8,   314.7,   1259.2,   0.0);
(401988.9, 3781328.8,   313.7,   1259.2,   0.0);   (402008.9,
3781328.8,   313.4,   1259.2,   0.0);
(402028.9, 3781328.8,   312.8,   1259.2,   0.0);   (402048.9,
3781328.8,   312.4,   1259.2,   0.0);
(402068.9, 3781328.8,   313.6,   1259.2,   0.0);   (402088.9,
3781328.8,   314.2,   1259.2,   0.0);
(402108.9, 3781328.8,   313.6,   1259.2,   0.0);   (402128.9,
3781328.8,   314.2,   1259.2,   0.0);
(402148.9, 3781328.8,   313.4,   1259.2,   0.0);   (402168.9,
3781328.8,   313.5,   1259.2,   0.0);
(402188.9, 3781328.8,   313.4,   1259.2,   0.0);   (402208.9,
3781328.8,   313.1,   1259.2,   0.0);
(402228.9, 3781328.8,   313.1,   1259.2,   0.0);   (402248.9,
3781328.8,   312.9,   1259.2,   0.0);
(402268.9, 3781328.8,   312.9,   1259.2,   0.0);   (402288.9,
3781328.8,   312.8,   1259.2,   0.0);
(402308.9, 3781328.8,   312.7,   1259.2,   0.0);   (402328.9,
3781328.8,   313.0,   1259.2,   0.0);
(402348.9, 3781328.8,   313.4,   1259.2,   0.0);   (402368.9,
3781328.8,   312.7,   1259.2,   0.0);
(402388.9, 3781328.8,   311.8,   1259.2,   0.0);   (402408.9,
3781328.8,   311.5,   1259.2,   0.0);
(402428.9, 3781328.8,   311.3,   1259.2,   0.0);   (402448.9,
3781328.8,   310.2,   1259.2,   0.0);
(402468.9, 3781328.8,   309.1,   1259.2,   0.0);   (402488.9,
3781328.8,   307.9,   1259.2,   0.0);
(402508.9, 3781328.8,   310.4,   1259.2,   0.0);   (401308.9,
3781348.8,   331.6,   1259.2,   0.0);
(401328.9, 3781348.8,   331.5,   1259.2,   0.0);   (401348.9,
3781348.8,   331.3,   1259.2,   0.0);
(401368.9, 3781348.8,   330.3,   1259.2,   0.0);   (401388.9,
3781348.8,   330.3,   1259.2,   0.0);
(401408.9, 3781348.8,   330.5,   1259.2,   0.0);   (401428.9,
3781348.8,   330.0,   1259.2,   0.0);
(401448.9, 3781348.8,   329.1,   1259.2,   0.0);   (401468.9,
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(401488.9, 3781348.8,   328.8,   1259.2,   0.0);   (401508.9,
3781348.8,   328.3,   1259.2,   0.0);
(401528.9, 3781348.8,   328.0,   1259.2,   0.0);   (401548.9,
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(401568.9, 3781348.8,   326.1,   1259.2,   0.0);   (401588.9,
3781348.8,   325.2,   1259.2,   0.0);
(401608.9, 3781348.8,   325.1,   1259.2,   0.0);   (401628.9,
3781348.8,   324.4,   1259.2,   0.0);
(401648.9, 3781348.8,   323.8,   1259.2,   0.0);   (401668.9,
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(401688.9, 3781348.8,   322.7,   1259.2,   0.0);   (401708.9,
3781348.8,   322.4,   1259.2,   0.0);

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     ( 401768.9, 3781348.8,      320.8,     1259.2,        0.0);          ( 401788.9,
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     ( 401808.9, 3781348.8,      319.8,     1259.2,        0.0);          ( 401828.9,
3781348.8,      319.5,    1259.2,        0.0);
     ( 401848.9, 3781348.8,      318.9,     1259.2,        0.0);          ( 401868.9,
3781348.8,      318.0,    1259.2,        0.0);
     ( 401888.9, 3781348.8,      317.8,     1259.2,        0.0);          ( 401908.9,
3781348.8,      317.1,    1259.2,        0.0);
     ( 401928.9, 3781348.8,      316.6,     1259.2,        0.0);          ( 401948.9,
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     ( 401968.9, 3781348.8,      315.7,     1259.2,        0.0);          ( 401988.9,
3781348.8,      315.1,    1259.2,        0.0);
     ( 402008.9, 3781348.8,      314.8,     1259.2,        0.0);          ( 402028.9,
3781348.8,      314.7,    1259.2,        0.0);
     ( 402048.9, 3781348.8,      314.3,     1259.2,        0.0);          ( 402068.9,
3781348.8,      314.9,    1259.2,        0.0);
     ( 402088.9, 3781348.8,      315.5,     1259.2,        0.0);          ( 402108.9,
3781348.8,      315.8,    1259.2,        0.0);
     ( 402128.9, 3781348.8,      315.7,     1259.2,        0.0);          ( 402148.9,
3781348.8,      315.4,    1259.2,        0.0);
     ( 402168.9, 3781348.8,      315.3,     1259.2,        0.0);          ( 402188.9,
3781348.8,      315.2,    1259.2,        0.0);
     ( 402208.9, 3781348.8,      314.7,     1259.2,        0.0);          ( 402228.9,
3781348.8,      314.9,    1259.2,        0.0);
     ( 402248.9, 3781348.8,      315.0,     1259.2,        0.0);          ( 402268.9,
3781348.8,      314.5,    1259.2,        0.0);
     ( 402288.9, 3781348.8,      314.6,     1259.2,        0.0);          ( 402308.9,
3781348.8,      314.2,    1259.2,        0.0);
     ( 402328.9, 3781348.8,      314.3,     1259.2,        0.0);          ( 402348.9,
3781348.8,      314.2,    1259.2,        0.0);
```
⊙ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20
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                      PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                            (METERS)
```

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     ( 402368.9, 3781348.8,      313.8,     1259.2,        0.0);          ( 402388.9,
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     ( 402408.9, 3781348.8,      312.5,     1259.2,        0.0);          ( 402428.9,
3781348.8,      312.5,    1259.2,        0.0);
     ( 402448.9, 3781348.8,      311.5,     1259.2,        0.0);          ( 402468.9,
3781348.8,      310.6,    1259.2,        0.0);
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    ( 401308.9, 3781368.8,      333.2,     1259.2,         0.0);          ( 401328.9,
3781368.8,      333.0,    1259.2,        0.0);
    ( 401348.9, 3781368.8,      332.9,     1259.2,         0.0);          ( 401368.9,
3781368.8,      332.0,    1259.2,        0.0);
    ( 401388.9, 3781368.8,      331.6,     1259.2,         0.0);          ( 401408.9,
3781368.8,      331.8,    1259.2,        0.0);
    ( 401428.9, 3781368.8,      331.4,     1259.2,         0.0);          ( 401448.9,
3781368.8,      330.8,    1259.2,        0.0);
    ( 401468.9, 3781368.8,      330.1,     1259.2,         0.0);          ( 401488.9,
3781368.8,      330.2,    1259.2,        0.0);
    ( 401508.9, 3781368.8,      329.6,     1259.2,         0.0);          ( 401528.9,
3781368.8,      329.2,    1259.2,        0.0);
    ( 401548.9, 3781368.8,      327.2,     1259.2,         0.0);          ( 401568.9,
3781368.8,      327.4,    1259.2,        0.0);
    ( 401588.9, 3781368.8,      326.9,     1259.2,         0.0);          ( 401608.9,
3781368.8,      326.2,    1259.2,        0.0);
    ( 401628.9, 3781368.8,      325.6,     1259.2,         0.0);          ( 401648.9,
3781368.8,      325.0,    1259.2,        0.0);
    ( 401668.9, 3781368.8,      324.6,     1259.2,         0.0);          ( 401688.9,
3781368.8,      324.0,    1259.2,        0.0);
    ( 401708.9, 3781368.8,      323.8,     1259.2,         0.0);          ( 401728.9,
3781368.8,      323.2,    1259.2,        0.0);
    ( 401748.9, 3781368.8,      322.8,     1259.2,         0.0);          ( 401768.9,
3781368.8,      322.2,    1259.2,        0.0);
    ( 401788.9, 3781368.8,      321.8,     1259.2,         0.0);          ( 401808.9,
3781368.8,      321.3,    1259.2,        0.0);
    ( 401828.9, 3781368.8,      320.6,     1259.2,         0.0);          ( 401848.9,
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    ( 401868.9, 3781368.8,      319.3,     1259.2,         0.0);          ( 401888.9,
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    ( 401908.9, 3781368.8,      318.2,     1259.2,         0.0);          ( 401928.9,
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    ( 401948.9, 3781368.8,      317.6,     1259.2,         0.0);          ( 401968.9,
3781368.8,      317.4,    1259.2,        0.0);
    ( 401988.9, 3781368.8,      316.0,     1259.2,         0.0);          ( 402008.9,
3781368.8,      316.2,    1259.2,        0.0);
    ( 402028.9, 3781368.8,      315.8,     1259.2,         0.0);          ( 402048.9,
3781368.8,      315.3,    1259.2,        0.0);
    ( 402068.9, 3781368.8,      315.8,     1259.2,         0.0);          ( 402088.9,
3781368.8,      316.5,    1259.2,        0.0);
    ( 402108.9, 3781368.8,      317.2,     1259.2,         0.0);          ( 402128.9,
3781368.8,      317.3,    1259.2,        0.0);
    ( 402148.9, 3781368.8,      317.3,     1259.2,         0.0);          ( 402168.9,
3781368.8,      317.2,    1259.2,        0.0);
    ( 402188.9, 3781368.8,      316.2,     1259.2,         0.0);          ( 402208.9,
3781368.8,      315.9,    1259.2,        0.0);
    ( 402228.9, 3781368.8,      315.7,     1259.2,         0.0);          ( 402248.9,
3781368.8,      316.0,    1259.2,        0.0);
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     ( 402268.9, 3781368.8,      316.0,     1259.2,         0.0);        ( 402288.9,
3781368.8,      315.9,    1259.2,        0.0);
     ( 402308.9, 3781368.8,      315.8,     1259.2,         0.0);        ( 402328.9,
3781368.8,      315.6,    1259.2,        0.0);
     ( 402348.9, 3781368.8,      315.8,     1259.2,         0.0);        ( 402368.9,
3781368.8,      314.8,    1259.2,        0.0);
     ( 402388.9, 3781368.8,      314.4,     1259.2,         0.0);        ( 402408.9,
3781368.8,      314.0,    1259.2,        0.0);
     ( 402428.9, 3781368.8,      313.9,     1259.2,         0.0);        ( 402448.9,
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     ( 402468.9, 3781368.8,      311.4,     1259.2,         0.0);        ( 402488.9,
3781368.8,      312.1,    1259.2,        0.0);
     ( 402508.9, 3781368.8,      313.6,     1259.2,         0.0);        ( 401308.9,
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     ( 401328.9, 3781388.8,      334.8,     1259.2,         0.0);        ( 401348.9,
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     ( 401368.9, 3781388.8,      333.7,     1259.2,         0.0);        ( 401388.9,
3781388.8,      333.2,    1259.2,        0.0);
     ( 401408.9, 3781388.8,      333.3,     1259.2,         0.0);        ( 401428.9,
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     ( 401448.9, 3781388.8,      332.2,     1259.2,         0.0);        ( 401468.9,
3781388.8,      331.8,    1259.2,        0.0);
     ( 401488.9, 3781388.8,      331.8,     1259.2,         0.0);        ( 401508.9,
3781388.8,      331.4,    1259.2,        0.0);
     ( 401528.9, 3781388.8,      330.7,     1259.2,         0.0);        ( 401548.9,
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     ( 401568.9, 3781388.8,      328.9,     1259.2,         0.0);        ( 401588.9,
3781388.8,      328.0,    1259.2,        0.0);
     ( 401608.9, 3781388.8,      327.5,     1259.2,         0.0);        ( 401628.9,
3781388.8,      326.9,    1259.2,        0.0);
     ( 401648.9, 3781388.8,      326.2,     1259.2,         0.0);        ( 401668.9,
3781388.8,      326.3,    1259.2,        0.0);
     ( 401688.9, 3781388.8,      325.7,     1259.2,         0.0);        ( 401708.9,
3781388.8,      325.0,    1259.2,        0.0);
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

```
     ( 401728.9, 3781388.8,      324.8,     1259.2,         0.0);        ( 401748.9,
3781388.8,      323.9,    1259.2,        0.0);
     ( 401768.9, 3781388.8,      323.7,     1259.2,         0.0);        ( 401788.9,
3781388.8,      323.3,    1259.2,        0.0);
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(401808.9, 3781388.8,   322.6,   1259.2,   0.0);   (401828.9,
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(401848.9, 3781388.8,   321.5,   1259.2,   0.0);   (401868.9,
3781388.8,   320.5,   1259.2,   0.0);
(401888.9, 3781388.8,   320.8,   1259.2,   0.0);   (401908.9,
3781388.8,   320.0,   1259.2,   0.0);
(401928.9, 3781388.8,   319.0,   1259.2,   0.0);   (401948.9,
3781388.8,   319.2,   1259.2,   0.0);
(401968.9, 3781388.8,   318.4,   1259.2,   0.0);   (401988.9,
3781388.8,   317.9,   1259.2,   0.0);
(402008.9, 3781388.8,   317.3,   1259.2,   0.0);   (402028.9,
3781388.8,   317.3,   1259.2,   0.0);
(402048.9, 3781388.8,   317.2,   1259.2,   0.0);   (402068.9,
3781388.8,   317.9,   1259.2,   0.0);
(402088.9, 3781388.8,   318.2,   1259.2,   0.0);   (402108.9,
3781388.8,   318.8,   1259.2,   0.0);
(402128.9, 3781388.8,   319.2,   1259.2,   0.0);   (402148.9,
3781388.8,   319.2,   1259.2,   0.0);
(402168.9, 3781388.8,   318.6,   1259.2,   0.0);   (402188.9,
3781388.8,   318.3,   1259.2,   0.0);
(402208.9, 3781388.8,   317.6,   1259.2,   0.0);   (402228.9,
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(402248.9, 3781388.8,   317.9,   1259.2,   0.0);   (402268.9,
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(402288.9, 3781388.8,   317.6,   1259.2,   0.0);   (402308.9,
3781388.8,   317.2,   1259.2,   0.0);
(402328.9, 3781388.8,   317.2,   1259.2,   0.0);   (402348.9,
3781388.8,   317.0,   1259.2,   0.0);
(402368.9, 3781388.8,   316.1,   1259.2,   0.0);   (402388.9,
3781388.8,   315.9,   1259.2,   0.0);
(402408.9, 3781388.8,   315.8,   1259.2,   0.0);   (402428.9,
3781388.8,   316.0,   1259.2,   0.0);
(402448.9, 3781388.8,   316.2,   1259.2,   0.0);   (402468.9,
3781388.8,   313.3,   1259.2,   0.0);
(402488.9, 3781388.8,   314.9,   1259.2,   0.0);   (402508.9,
3781388.8,   316.5,   1259.2,   0.0);
(401308.9, 3781408.8,   337.1,   1259.2,   0.0);   (401328.9,
3781408.8,   336.9,   1259.2,   0.0);
(401348.9, 3781408.8,   336.5,   1259.2,   0.0);   (401368.9,
3781408.8,   335.3,   1259.2,   0.0);
(401388.9, 3781408.8,   334.9,   1259.2,   0.0);   (401408.9,
3781408.8,   335.2,   1259.2,   0.0);
(401428.9, 3781408.8,   334.6,   1259.2,   0.0);   (401448.9,
3781408.8,   333.9,   1259.2,   0.0);
(401468.9, 3781408.8,   333.3,   1259.2,   0.0);   (401488.9,
3781408.8,   333.2,   1259.2,   0.0);
(401508.9, 3781408.8,   332.4,   1259.2,   0.0);   (401528.9,
3781408.8,   332.0,   1259.2,   0.0);
(401548.9, 3781408.8,   330.1,   1259.2,   0.0);   (401568.9,
3781408.8,   330.3,   1259.2,   0.0);

(401588.9, 3781408.8,   330.5,   1259.2,   0.0);   (401608.9,
3781408.8,   328.6,   1259.2,   0.0);
      (401628.9, 3781408.8,   327.9,   1259.2,   0.0);   (401648.9,
3781408.8,   327.6,   1259.2,   0.0);
      (401668.9, 3781408.8,   327.3,   1259.2,   0.0);   (401688.9,
3781408.8,   326.8,   1259.2,   0.0);
      (401708.9, 3781408.8,   326.4,   1259.2,   0.0);   (401728.9,
3781408.8,   326.0,   1259.2,   0.0);
      (401748.9, 3781408.8,   325.2,   1259.2,   0.0);   (401768.9,
3781408.8,   324.7,   1259.2,   0.0);
      (401788.9, 3781408.8,   324.4,   1259.2,   0.0);   (401808.9,
3781408.8,   323.8,   1259.2,   0.0);
      (401828.9, 3781408.8,   323.3,   1259.2,   0.0);   (401848.9,
3781408.8,   322.7,   1259.2,   0.0);
      (401868.9, 3781408.8,   321.9,   1259.2,   0.0);   (401888.9,
3781408.8,   321.7,   1259.2,   0.0);
      (401908.9, 3781408.8,   321.4,   1259.2,   0.0);   (401928.9,
3781408.8,   320.7,   1259.2,   0.0);
      (401948.9, 3781408.8,   320.4,   1259.2,   0.0);   (401968.9,
3781408.8,   320.1,   1259.2,   0.0);
      (401988.9, 3781408.8,   319.8,   1259.2,   0.0);   (402008.9,
3781408.8,   319.2,   1259.2,   0.0);
      (402028.9, 3781408.8,   319.0,   1259.2,   0.0);   (402048.9,
3781408.8,   318.9,   1259.2,   0.0);
      (402068.9, 3781408.8,   318.9,   1259.2,   0.0);   (402088.9,
3781408.8,   319.3,   1259.2,   0.0);
      (402108.9, 3781408.8,   320.1,   1259.2,   0.0);   (402128.9,
3781408.8,   320.7,   1259.2,   0.0);
      (402148.9, 3781408.8,   320.6,   1259.2,   0.0);   (402168.9,
3781408.8,   320.0,   1259.2,   0.0);
      (402188.9, 3781408.8,   319.8,   1259.2,   0.0);   (402208.9,
3781408.8,   319.2,   1259.2,   0.0);
      (402228.9, 3781408.8,   319.4,   1259.2,   0.0);   (402248.9,
3781408.8,   319.3,   1259.2,   0.0);
      (402268.9, 3781408.8,   319.6,   1259.2,   0.0);   (402288.9,
3781408.8,   319.3,   1259.2,   0.0);
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

                    PAGE 88
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                   *** DISCRETE CARTESIAN RECEPTORS ***
                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                             (METERS)

      (402308.9, 3781408.8,   318.7,   1259.2,   0.0);   (402328.9,
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    ( 402348.9, 3781408.8,     318.1,     1259.2,        0.0);        ( 402368.9,
3781408.8,      317.1,     1259.2,        0.0);
    ( 402388.9, 3781408.8,     317.1,     1259.2,        0.0);        ( 402408.9,
3781408.8,      317.2,     1259.2,        0.0);
    ( 402428.9, 3781408.8,     317.5,     1259.2,        0.0);        ( 402448.9,
3781408.8,      317.1,     1259.2,        0.0);
    ( 402468.9, 3781408.8,     315.3,     1259.2,        0.0);        ( 402488.9,
3781408.8,      316.9,     1259.2,        0.0);
    ( 402508.9, 3781408.8,     317.9,     1259.2,        0.0);        ( 401308.9,
3781428.8,      338.8,     1259.2,        0.0);
    ( 401328.9, 3781428.8,     338.6,     1259.2,        0.0);        ( 401348.9,
3781428.8,      338.2,     1259.2,        0.0);
    ( 401368.9, 3781428.8,     336.9,     1259.2,        0.0);        ( 401388.9,
3781428.8,      336.9,     1259.2,        0.0);
    ( 401408.9, 3781428.8,     337.2,     1259.2,        0.0);        ( 401428.9,
3781428.8,      336.9,     1259.2,        0.0);
    ( 401448.9, 3781428.8,     335.7,     1259.2,        0.0);        ( 401468.9,
3781428.8,      335.1,     1259.2,        0.0);
    ( 401488.9, 3781428.8,     334.8,     1259.2,        0.0);        ( 401508.9,
3781428.8,      333.6,     1259.2,        0.0);
    ( 401528.9, 3781428.8,     333.2,     1259.2,        0.0);        ( 401548.9,
3781428.8,      331.6,     1259.2,        0.0);
    ( 401568.9, 3781428.8,     331.7,     1259.2,        0.0);        ( 401588.9,
3781428.8,      331.9,     1259.2,        0.0);
    ( 401608.9, 3781428.8,     330.6,     1259.2,        0.0);        ( 401628.9,
3781428.8,      330.0,     1259.2,        0.0);
    ( 401648.9, 3781428.8,     329.7,     1259.2,        0.0);        ( 401668.9,
3781428.8,      329.3,     1259.2,        0.0);
    ( 401688.9, 3781428.8,     327.9,     1259.2,        0.0);        ( 401708.9,
3781428.8,      327.4,     1259.2,        0.0);
    ( 401728.9, 3781428.8,     326.7,     1259.2,        0.0);        ( 401748.9,
3781428.8,      326.5,     1259.2,        0.0);
    ( 401768.9, 3781428.8,     326.2,     1259.2,        0.0);        ( 401788.9,
3781428.8,      325.7,     1259.2,        0.0);
    ( 401808.9, 3781428.8,     325.1,     1259.2,        0.0);        ( 401828.9,
3781428.8,      324.6,     1259.2,        0.0);
    ( 401848.9, 3781428.8,     324.1,     1259.2,        0.0);        ( 401868.9,
3781428.8,      323.4,     1259.2,        0.0);
    ( 401888.9, 3781428.8,     323.3,     1259.2,        0.0);        ( 401908.9,
3781428.8,      323.1,     1259.2,        0.0);
    ( 401928.9, 3781428.8,     323.3,     1259.2,        0.0);        ( 401948.9,
3781428.8,      323.5,     1259.2,        0.0);
    ( 401968.9, 3781428.8,     322.5,     1259.2,        0.0);        ( 401988.9,
3781428.8,      322.0,     1259.2,        0.0);
    ( 402008.9, 3781428.8,     320.8,     1259.2,        0.0);        ( 402028.9,
3781428.8,      320.6,     1259.2,        0.0);
    ( 402048.9, 3781428.8,     320.5,     1259.2,        0.0);        ( 402068.9,
3781428.8,      320.1,     1259.2,        0.0);
    ( 402088.9, 3781428.8,     320.5,     1259.2,        0.0);        ( 402108.9,
3781428.8,      321.4,     1259.2,        0.0);
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     ( 402128.9, 3781428.8,     321.8,    1259.2,        0.0);        ( 402148.9,
3781428.8,     322.2,    1259.2,        0.0);
     ( 402168.9, 3781428.8,     321.7,    1259.2,        0.0);        ( 402188.9,
3781428.8,     321.0,    1259.2,        0.0);
     ( 402208.9, 3781428.8,     320.9,    1259.2,        0.0);        ( 402228.9,
3781428.8,     320.7,    1259.2,        0.0);
     ( 402248.9, 3781428.8,     320.6,    1259.2,        0.0);        ( 402268.9,
3781428.8,     320.8,    1259.2,        0.0);
     ( 402288.9, 3781428.8,     320.6,    1259.2,        0.0);        ( 402308.9,
3781428.8,     320.2,    1259.2,        0.0);
     ( 402328.9, 3781428.8,     320.2,    1259.2,        0.0);        ( 402348.9,
3781428.8,     319.5,    1259.2,        0.0);
     ( 402368.9, 3781428.8,     318.7,    1259.2,        0.0);        ( 402388.9,
3781428.8,     319.0,    1259.2,        0.0);
     ( 402408.9, 3781428.8,     319.4,    1259.2,        0.0);        ( 402428.9,
3781428.8,     319.9,    1259.2,        0.0);
     ( 402448.9, 3781428.8,     319.7,    1259.2,        0.0);        ( 402468.9,
3781428.8,     317.3,    1259.2,        0.0);
     ( 402488.9, 3781428.8,     317.6,    1259.2,        0.0);        ( 402508.9,
3781428.8,     318.2,    1259.2,        0.0);
     ( 401308.9, 3781448.8,     340.5,    1259.2,        0.0);        ( 401328.9,
3781448.8,     340.1,    1259.2,        0.0);
     ( 401348.9, 3781448.8,     339.9,    1259.2,        0.0);        ( 401368.9,
3781448.8,     338.5,    1259.2,        0.0);
     ( 401388.9, 3781448.8,     338.5,    1259.2,        0.0);        ( 401408.9,
3781448.8,     338.8,    1259.2,        0.0);
     ( 401428.9, 3781448.8,     338.3,    1259.2,        0.0);        ( 401448.9,
3781448.8,     337.5,    1259.2,        0.0);
     ( 401468.9, 3781448.8,     336.6,    1259.2,        0.0);        ( 401488.9,
3781448.8,     336.8,    1259.2,        0.0);
     ( 401508.9, 3781448.8,     335.2,    1259.2,        0.0);        ( 401528.9,
3781448.8,     334.7,    1259.2,        0.0);
     ( 401548.9, 3781448.8,     333.0,    1259.2,        0.0);        ( 401568.9,
3781448.8,     333.1,    1259.2,        0.0);
     ( 401588.9, 3781448.8,     333.2,    1259.2,        0.0);        ( 401608.9,
3781448.8,     331.8,    1259.2,        0.0);
     ( 401628.9, 3781448.8,     331.6,    1259.2,        0.0);        ( 401648.9,
3781448.8,     330.9,    1259.2,        0.0);
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 89
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** DISCRETE CARTESIAN RECEPTORS ***
                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)

(401668.9, 3781448.8,   330.5,   1259.2,   0.0);   (401688.9,
3781448.8,   330.0,   1259.2,   0.0);
(401708.9, 3781448.8,   329.1,   1259.2,   0.0);   (401728.9,
3781448.8,   328.4,   1259.2,   0.0);
(401748.9, 3781448.8,   328.1,   1259.2,   0.0);   (401768.9,
3781448.8,   327.5,   1259.2,   0.0);
(401788.9, 3781448.8,   327.1,   1259.2,   0.0);   (401808.9,
3781448.8,   326.4,   1259.2,   0.0);
(401828.9, 3781448.8,   325.8,   1259.2,   0.0);   (401848.9,
3781448.8,   325.6,   1259.2,   0.0);
(401868.9, 3781448.8,   325.0,   1259.2,   0.0);   (401888.9,
3781448.8,   324.9,   1259.2,   0.0);
(401908.9, 3781448.8,   324.6,   1259.2,   0.0);   (401928.9,
3781448.8,   324.7,   1259.2,   0.0);
(401948.9, 3781448.8,   323.8,   1259.2,   0.0);   (401968.9,
3781448.8,   323.7,   1259.2,   0.0);
(401988.9, 3781448.8,   322.9,   1259.2,   0.0);   (402008.9,
3781448.8,   322.5,   1259.2,   0.0);
(402028.9, 3781448.8,   322.7,   1259.2,   0.0);   (402048.9,
3781448.8,   322.5,   1259.2,   0.0);
(402068.9, 3781448.8,   322.4,   1259.2,   0.0);   (402088.9,
3781448.8,   322.5,   1259.2,   0.0);
(402108.9, 3781448.8,   323.0,   1259.2,   0.0);   (402128.9,
3781448.8,   323.7,   1259.2,   0.0);
(402148.9, 3781448.8,   324.1,   1259.2,   0.0);   (402168.9,
3781448.8,   323.5,   1259.2,   0.0);
(402188.9, 3781448.8,   323.0,   1259.2,   0.0);   (402208.9,
3781448.8,   322.4,   1259.2,   0.0);
(402228.9, 3781448.8,   322.6,   1259.2,   0.0);   (402248.9,
3781448.8,   322.4,   1259.2,   0.0);
(402268.9, 3781448.8,   322.4,   1259.2,   0.0);   (402288.9,
3781448.8,   322.4,   1259.2,   0.0);
(402308.9, 3781448.8,   321.7,   1259.2,   0.0);   (402328.9,
3781448.8,   321.5,   1259.2,   0.0);
(402348.9, 3781448.8,   320.3,   1259.2,   0.0);   (402368.9,
3781448.8,   320.4,   1259.2,   0.0);
(402388.9, 3781448.8,   320.7,   1259.2,   0.0);   (402408.9,
3781448.8,   321.2,   1259.2,   0.0);
(402428.9, 3781448.8,   320.8,   1259.2,   0.0);   (402448.9,
3781448.8,   320.7,   1259.2,   0.0);
(402468.9, 3781448.8,   319.2,   1259.2,   0.0);   (402488.9,
3781448.8,   320.4,   1259.2,   0.0);
(402508.9, 3781448.8,   321.2,   1259.2,   0.0);   (401308.9,
3781468.8,   342.1,   1259.2,   0.0);
(401328.9, 3781468.8,   341.7,   1259.2,   0.0);   (401348.9,
3781468.8,   341.5,   1259.2,   0.0);
(401368.9, 3781468.8,   340.2,   1259.2,   0.0);   (401388.9,
3781468.8,   339.9,   1259.2,   0.0);
(401408.9, 3781468.8,   340.2,   1259.2,   0.0);   (401428.9,
3781468.8,   339.8,   1259.2,   0.0);

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    ( 401448.9, 3781468.8,      338.9,     1259.2,        0.0);        ( 401468.9,
3781468.8,      338.2,    1259.2,        0.0);
    ( 401488.9, 3781468.8,      338.1,     1259.2,        0.0);        ( 401508.9,
3781468.8,      336.6,    1259.2,        0.0);
    ( 401528.9, 3781468.8,      336.3,     1259.2,        0.0);        ( 401548.9,
3781468.8,      334.5,    1259.2,        0.0);
    ( 401568.9, 3781468.8,      334.6,     1259.2,        0.0);        ( 401588.9,
3781468.8,      334.6,    1259.2,        0.0);
    ( 401608.9, 3781468.8,      332.9,     1259.2,        0.0);        ( 401628.9,
3781468.8,      332.8,    1259.2,        0.0);
    ( 401648.9, 3781468.8,      332.8,     1259.2,        0.0);        ( 401668.9,
3781468.8,      332.2,    1259.2,        0.0);
    ( 401688.9, 3781468.8,      330.8,     1259.2,        0.0);        ( 401708.9,
3781468.8,      330.4,    1259.2,        0.0);
    ( 401728.9, 3781468.8,      329.9,     1259.2,        0.0);        ( 401748.9,
3781468.8,      329.8,    1259.2,        0.0);
    ( 401768.9, 3781468.8,      329.3,     1259.2,        0.0);        ( 401788.9,
3781468.8,      328.7,    1259.2,        0.0);
    ( 401808.9, 3781468.8,      328.1,     1259.2,        0.0);        ( 401828.9,
3781468.8,      327.7,    1259.2,        0.0);
    ( 401848.9, 3781468.8,      327.3,     1259.2,        0.0);        ( 401868.9,
3781468.8,      326.7,    1259.2,        0.0);
    ( 401888.9, 3781468.8,      326.6,     1259.2,        0.0);        ( 401908.9,
3781468.8,      326.3,    1259.2,        0.0);
    ( 401928.9, 3781468.8,      325.1,     1259.2,        0.0);        ( 401948.9,
3781468.8,      324.9,    1259.2,        0.0);
    ( 401968.9, 3781468.8,      324.9,     1259.2,        0.0);        ( 401988.9,
3781468.8,      324.5,    1259.2,        0.0);
    ( 402008.9, 3781468.8,      324.1,     1259.2,        0.0);        ( 402028.9,
3781468.8,      324.2,    1259.2,        0.0);
    ( 402048.9, 3781468.8,      324.2,     1259.2,        0.0);        ( 402068.9,
3781468.8,      324.0,    1259.2,        0.0);
    ( 402088.9, 3781468.8,      324.3,     1259.2,        0.0);        ( 402108.9,
3781468.8,      324.8,    1259.2,        0.0);
    ( 402128.9, 3781468.8,      325.4,     1259.2,        0.0);        ( 402148.9,
3781468.8,      325.4,    1259.2,        0.0);
    ( 402168.9, 3781468.8,      325.5,     1259.2,        0.0);        ( 402188.9,
3781468.8,      325.0,    1259.2,        0.0);
    ( 402208.9, 3781468.8,      324.1,     1259.2,        0.0);        ( 402228.9,
3781468.8,      324.3,    1259.2,        0.0);
```
↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 90
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** DISCRETE CARTESIAN RECEPTORS ***
                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(402248.9, 3781468.8, 323.9, 1259.2, 0.0); (402268.9, 3781468.8, 323.6, 1259.2, 0.0);
(402288.9, 3781468.8, 323.6, 1259.2, 0.0); (402308.9, 3781468.8, 323.3, 1259.2, 0.0);
(402328.9, 3781468.8, 323.0, 1259.2, 0.0); (402348.9, 3781468.8, 322.0, 1259.2, 0.0);
(402368.9, 3781468.8, 322.1, 1259.2, 0.0); (402388.9, 3781468.8, 322.7, 1259.2, 0.0);
(402408.9, 3781468.8, 323.1, 1259.2, 0.0); (402428.9, 3781468.8, 322.8, 1259.2, 0.0);
(402448.9, 3781468.8, 321.8, 1259.2, 0.0); (402468.9, 3781468.8, 320.3, 1259.2, 0.0);
(402488.9, 3781468.8, 321.1, 1259.2, 0.0); (402508.9, 3781468.8, 321.5, 1259.2, 0.0);
(401308.9, 3781488.8, 344.0, 1259.2, 0.0); (401328.9, 3781488.8, 343.4, 1259.2, 0.0);
(401348.9, 3781488.8, 343.2, 1259.2, 0.0); (401368.9, 3781488.8, 341.9, 1259.2, 0.0);
(401388.9, 3781488.8, 341.8, 1259.2, 0.0); (401408.9, 3781488.8, 341.9, 1259.2, 0.0);
(401428.9, 3781488.8, 341.4, 1259.2, 0.0); (401448.9, 3781488.8, 340.6, 1259.2, 0.0);
(401468.9, 3781488.8, 339.7, 1259.2, 0.0); (401488.9, 3781488.8, 339.7, 1259.2, 0.0);
(401508.9, 3781488.8, 338.1, 1259.2, 0.0); (401528.9, 3781488.8, 337.8, 1259.2, 0.0);
(401548.9, 3781488.8, 336.0, 1259.2, 0.0); (401568.9, 3781488.8, 335.9, 1259.2, 0.0);
(401588.9, 3781488.8, 335.5, 1259.2, 0.0); (401608.9, 3781488.8, 334.1, 1259.2, 0.0);
(401628.9, 3781488.8, 333.7, 1259.2, 0.0); (401648.9, 3781488.8, 333.3, 1259.2, 0.0);
(401668.9, 3781488.8, 332.7, 1259.2, 0.0); (401688.9, 3781488.8, 332.2, 1259.2, 0.0);
(401708.9, 3781488.8, 331.8, 1259.2, 0.0); (401728.9, 3781488.8, 331.1, 1259.2, 0.0);
(401748.9, 3781488.8, 330.7, 1259.2, 0.0); (401768.9, 3781488.8, 330.5, 1259.2, 0.0);
(401788.9, 3781488.8, 330.0, 1259.2, 0.0); (401808.9, 3781488.8, 329.6, 1259.2, 0.0);
(401828.9, 3781488.8, 329.3, 1259.2, 0.0); (401848.9, 3781488.8, 328.7, 1259.2, 0.0);
(401868.9, 3781488.8, 328.4, 1259.2, 0.0); (401888.9, 3781488.8, 328.6, 1259.2, 0.0);
(401908.9, 3781488.8, 328.1, 1259.2, 0.0); (401928.9, 3781488.8, 327.3, 1259.2, 0.0);
(401948.9, 3781488.8, 327.0, 1259.2, 0.0); (401968.9, 3781488.8, 326.8, 1259.2, 0.0);

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   ( 401988.9, 3781488.8,     326.9,    1259.2,        0.0);          ( 402008.9,
3781488.8,     325.9,    1259.2,        0.0);
   ( 402028.9, 3781488.8,     325.9,    1259.2,        0.0);          ( 402048.9,
3781488.8,     325.8,    1259.2,        0.0);
   ( 402068.9, 3781488.8,     325.7,    1259.2,        0.0);          ( 402088.9,
3781488.8,     325.8,    1259.2,        0.0);
   ( 402108.9, 3781488.8,     326.5,    1259.2,        0.0);          ( 402128.9,
3781488.8,     326.5,    1259.2,        0.0);
   ( 402148.9, 3781488.8,     329.0,    1259.2,        0.0);          ( 402168.9,
3781488.8,     329.2,    1259.2,        0.0);
   ( 402188.9, 3781488.8,     328.8,    1259.2,        0.0);          ( 402208.9,
3781488.8,     325.9,    1259.2,        0.0);
   ( 402228.9, 3781488.8,     325.5,    1259.2,        0.0);          ( 402248.9,
3781488.8,     325.3,    1259.2,        0.0);
   ( 402268.9, 3781488.8,     325.2,    1259.2,        0.0);          ( 402288.9,
3781488.8,     325.7,    1259.2,        0.0);
   ( 402308.9, 3781488.8,     324.8,    1259.2,        0.0);          ( 402328.9,
3781488.8,     324.4,    1259.2,        0.0);
   ( 402348.9, 3781488.8,     323.9,    1259.2,        0.0);          ( 402368.9,
3781488.8,     324.3,    1259.2,        0.0);
   ( 402388.9, 3781488.8,     325.4,    1259.2,        0.0);          ( 402408.9,
3781488.8,     325.6,    1259.2,        0.0);
   ( 402428.9, 3781488.8,     324.7,    1259.2,        0.0);          ( 402448.9,
3781488.8,     324.7,    1259.2,        0.0);
   ( 402468.9, 3781488.8,     324.1,    1259.2,        0.0);          ( 402488.9,
3781488.8,     322.7,    1259.2,        0.0);
   ( 402508.9, 3781488.8,     325.9,    1259.2,        0.0);          ( 401308.9,
3781508.8,     345.2,    1259.2,        0.0);
   ( 401328.9, 3781508.8,     344.8,    1259.2,        0.0);          ( 401348.9,
3781508.8,     344.6,    1259.2,        0.0);
   ( 401368.9, 3781508.8,     343.6,    1259.2,        0.0);          ( 401388.9,
3781508.8,     343.3,    1259.2,        0.0);
   ( 401408.9, 3781508.8,     343.4,    1259.2,        0.0);          ( 401428.9,
3781508.8,     343.2,    1259.2,        0.0);
   ( 401448.9, 3781508.8,     342.4,    1259.2,        0.0);          ( 401468.9,
3781508.8,     341.3,    1259.2,        0.0);
   ( 401488.9, 3781508.8,     341.4,    1259.2,        0.0);          ( 401508.9,
3781508.8,     340.2,    1259.2,        0.0);
   ( 401528.9, 3781508.8,     339.9,    1259.2,        0.0);          ( 401548.9,
3781508.8,     337.5,    1259.2,        0.0);
   ( 401568.9, 3781508.8,     337.2,    1259.2,        0.0);          ( 401588.9,
3781508.8,     336.5,    1259.2,        0.0);
```

↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                    PAGE 91
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
( 401608.9, 3781508.8,      335.6,     1259.2,        0.0);        ( 401628.9,
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( 401648.9, 3781508.8,      334.5,     1259.2,        0.0);        ( 401668.9,
3781508.8,      333.9,     1259.2,        0.0);
( 401688.9, 3781508.8,      333.2,     1259.2,        0.0);        ( 401708.9,
3781508.8,      333.0,     1259.2,        0.0);
( 401728.9, 3781508.8,      333.2,     1259.2,        0.0);        ( 401748.9,
3781508.8,      331.9,     1259.2,        0.0);
( 401768.9, 3781508.8,      331.8,     1259.2,        0.0);        ( 401788.9,
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( 401808.9, 3781508.8,      330.6,     1259.2,        0.0);        ( 401828.9,
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( 401848.9, 3781508.8,      330.1,     1259.2,        0.0);        ( 401868.9,
3781508.8,      330.1,     1259.2,        0.0);
( 401888.9, 3781508.8,      330.0,     1259.2,        0.0);        ( 401908.9,
3781508.8,      329.5,     1259.2,        0.0);
( 401928.9, 3781508.8,      327.8,     1259.2,        0.0);        ( 401948.9,
3781508.8,      327.6,     1259.2,        0.0);
( 401968.9, 3781508.8,      327.9,     1259.2,        0.0);        ( 401988.9,
3781508.8,      327.6,     1259.2,        0.0);
( 402008.9, 3781508.8,      327.5,     1259.2,        0.0);        ( 402028.9,
3781508.8,      327.5,     1259.2,        0.0);
( 402048.9, 3781508.8,      327.3,     1259.2,        0.0);        ( 402068.9,
3781508.8,      327.6,     1259.2,        0.0);
( 402088.9, 3781508.8,      327.7,     1259.2,        0.0);        ( 402108.9,
3781508.8,      327.9,     1259.2,        0.0);
( 402128.9, 3781508.8,      328.4,     1259.2,        0.0);        ( 402148.9,
3781508.8,      329.8,     1259.2,        0.0);
( 402168.9, 3781508.8,      329.7,     1259.2,        0.0);        ( 402188.9,
3781508.8,      329.8,     1259.2,        0.0);
( 402208.9, 3781508.8,      327.4,     1259.2,        0.0);        ( 402228.9,
3781508.8,      327.2,     1259.2,        0.0);
( 402248.9, 3781508.8,      326.7,     1259.2,        0.0);        ( 402268.9,
3781508.8,      326.0,     1259.2,        0.0);
( 402288.9, 3781508.8,      326.1,     1259.2,        0.0);        ( 402308.9,
3781508.8,      326.2,     1259.2,        0.0);
( 402328.9, 3781508.8,      325.5,     1259.2,        0.0);        ( 402348.9,
3781508.8,      325.8,     1259.2,        0.0);
( 402368.9, 3781508.8,      326.6,     1259.2,        0.0);        ( 402388.9,
3781508.8,      327.0,     1259.2,        0.0);
( 402408.9, 3781508.8,      327.3,     1259.2,        0.0);        ( 402428.9,
3781508.8,      326.5,     1259.2,        0.0);
( 402448.9, 3781508.8,      325.8,     1259.2,        0.0);        ( 402468.9,
3781508.8,      326.2,     1259.2,        0.0);
( 402488.9, 3781508.8,      325.7,     1259.2,        0.0);        ( 402508.9,
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   ( 401308.9, 3781528.8,     346.5,    1259.2,       0.0);       ( 401328.9,
3781528.8,    346.2,    1259.2,       0.0);
   ( 401348.9, 3781528.8,     346.2,    1259.2,       0.0);       ( 401368.9,
3781528.8,    345.3,    1259.2,       0.0);
   ( 401388.9, 3781528.8,     344.6,    1259.2,       0.0);       ( 401408.9,
3781528.8,    344.8,    1259.2,       0.0);
   ( 401428.9, 3781528.8,     344.5,    1259.2,       0.0);       ( 401448.9,
3781528.8,    343.7,    1259.2,       0.0);
   ( 401468.9, 3781528.8,     343.0,    1259.2,       0.0);       ( 401488.9,
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   ( 401508.9, 3781528.8,     341.5,    1259.2,       0.0);       ( 401528.9,
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   ( 401548.9, 3781528.8,     339.0,    1259.2,       0.0);       ( 401568.9,
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   ( 401588.9, 3781528.8,     338.2,    1259.2,       0.0);       ( 401608.9,
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   ( 401628.9, 3781528.8,     336.0,    1259.2,       0.0);       ( 401648.9,
3781528.8,    335.6,    1259.2,       0.0);
   ( 401668.9, 3781528.8,     335.2,    1259.2,       0.0);       ( 401688.9,
3781528.8,    334.6,    1259.2,       0.0);
   ( 401708.9, 3781528.8,     334.4,    1259.2,       0.0);       ( 401728.9,
3781528.8,    334.5,    1259.2,       0.0);
   ( 401748.9, 3781528.8,     333.1,    1259.2,       0.0);       ( 401768.9,
3781528.8,    332.9,    1259.2,       0.0);
   ( 401788.9, 3781528.8,     332.8,    1259.2,       0.0);       ( 401808.9,
3781528.8,    332.5,    1259.2,       0.0);
   ( 401828.9, 3781528.8,     331.4,    1259.2,       0.0);       ( 401848.9,
3781528.8,    331.5,    1259.2,       0.0);
   ( 401868.9, 3781528.8,     331.8,    1259.2,       0.0);       ( 401888.9,
3781528.8,    331.6,    1259.2,       0.0);
   ( 401908.9, 3781528.8,     331.0,    1259.2,       0.0);       ( 401928.9,
3781528.8,    331.0,    1259.2,       0.0);
   ( 401948.9, 3781528.8,     331.1,    1259.2,       0.0);       ( 401968.9,
3781528.8,    330.7,    1259.2,       0.0);
   ( 401988.9, 3781528.8,     330.6,    1259.2,       0.0);       ( 402008.9,
3781528.8,    329.3,    1259.2,       0.0);
   ( 402028.9, 3781528.8,     329.2,    1259.2,       0.0);       ( 402048.9,
3781528.8,    329.0,    1259.2,       0.0);
   ( 402068.9, 3781528.8,     329.3,    1259.2,       0.0);       ( 402088.9,
3781528.8,    329.4,    1259.2,       0.0);
   ( 402108.9, 3781528.8,     329.8,    1259.2,       0.0);       ( 402128.9,
3781528.8,    330.2,    1259.2,       0.0);
   ( 402148.9, 3781528.8,     330.5,    1259.2,       0.0);       ( 402168.9,
3781528.8,    330.5,    1259.2,       0.0);
```

```
  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                               (METERS)


     ( 402188.9, 3781528.8,    330.5,    1259.2,       0.0);       ( 402208.9,
3781528.8,     329.1,    1259.2,        0.0);
     ( 402228.9, 3781528.8,    329.7,    1259.2,       0.0);       ( 402248.9,
3781528.8,     329.3,    1259.2,        0.0);
     ( 402268.9, 3781528.8,    328.8,    1259.2,       0.0);       ( 402288.9,
3781528.8,     328.5,    1259.2,        0.0);
     ( 402308.9, 3781528.8,    327.7,    1259.2,       0.0);       ( 402328.9,
3781528.8,     327.4,    1259.2,        0.0);
     ( 402348.9, 3781528.8,    330.4,    1259.2,       0.0);       ( 402368.9,
3781528.8,     328.8,    1259.2,        0.0);
     ( 402388.9, 3781528.8,    329.4,    1259.2,       0.0);       ( 402408.9,
3781528.8,     329.7,    1259.2,        0.0);
     ( 402428.9, 3781528.8,    330.1,    1259.2,       0.0);       ( 402448.9,
3781528.8,     330.1,    1259.2,        0.0);
     ( 402468.9, 3781528.8,    334.8,    1259.2,       0.0);       ( 402488.9,
3781528.8,     334.7,    1259.2,        0.0);
     ( 402508.9, 3781528.8,    328.2,    1259.2,       0.0);       ( 401308.9,
3781548.8,     348.0,    1259.2,        0.0);
     ( 401328.9, 3781548.8,    348.2,    1259.2,       0.0);       ( 401348.9,
3781548.8,     347.8,    1259.2,        0.0);
     ( 401368.9, 3781548.8,    346.9,    1259.2,       0.0);       ( 401388.9,
3781548.8,     346.2,    1259.2,        0.0);
     ( 401408.9, 3781548.8,    346.2,    1259.2,       0.0);       ( 401428.9,
3781548.8,     346.0,    1259.2,        0.0);
     ( 401448.9, 3781548.8,    345.3,    1259.2,       0.0);       ( 401468.9,
3781548.8,     344.3,    1259.2,        0.0);
     ( 401488.9, 3781548.8,    344.2,    1259.2,       0.0);       ( 401508.9,
3781548.8,     342.5,    1259.2,        0.0);
     ( 401528.9, 3781548.8,    342.4,    1259.2,       0.0);       ( 401548.9,
3781548.8,     340.6,    1259.2,        0.0);
     ( 401568.9, 3781548.8,    340.1,    1259.2,       0.0);       ( 401588.9,
3781548.8,     339.8,    1259.2,        0.0);
     ( 401608.9, 3781548.8,    339.6,    1259.2,       0.0);       ( 401628.9,
3781548.8,     339.1,    1259.2,        0.0);
     ( 401648.9, 3781548.8,    337.9,    1259.2,       0.0);       ( 401668.9,
3781548.8,     337.3,    1259.2,        0.0);
     ( 401688.9, 3781548.8,    336.2,    1259.2,       0.0);       ( 401708.9,
3781548.8,     335.4,    1259.2,        0.0);
     ( 401728.9, 3781548.8,    335.2,    1259.2,       0.0);       ( 401748.9,
3781548.8,     334.5,    1259.2,        0.0);
     ( 401768.9, 3781548.8,    334.7,    1259.2,       0.0);       ( 401788.9,
3781548.8,     334.5,    1259.2,        0.0);
     ( 401808.9, 3781548.8,    334.2,    1259.2,       0.0);       ( 401828.9,
3781548.8,     334.1,    1259.2,        0.0);
```

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      ( 401848.9, 3781548.8,      333.9,     1259.2,        0.0);          ( 401868.9,
3781548.8,      333.5,    1259.2,        0.0);
      ( 401888.9, 3781548.8,      333.4,     1259.2,        0.0);          ( 401908.9,
3781548.8,      332.6,    1259.2,        0.0);
      ( 401928.9, 3781548.8,      332.4,     1259.2,        0.0);          ( 401948.9,
3781548.8,      332.1,    1259.2,        0.0);
      ( 401968.9, 3781548.8,      331.6,     1259.2,        0.0);          ( 401988.9,
3781548.8,      331.3,    1259.2,        0.0);
      ( 402008.9, 3781548.8,      330.9,     1259.2,        0.0);          ( 402028.9,
3781548.8,      331.2,    1259.2,        0.0);
      ( 402048.9, 3781548.8,      331.2,     1259.2,        0.0);          ( 402068.9,
3781548.8,      331.0,    1259.2,        0.0);
      ( 402088.9, 3781548.8,      330.8,     1259.2,        0.0);          ( 402108.9,
3781548.8,      331.6,    1259.2,        0.0);
      ( 402128.9, 3781548.8,      331.8,     1259.2,        0.0);          ( 402148.9,
3781548.8,      332.0,    1259.2,        0.0);
      ( 402168.9, 3781548.8,      332.4,     1259.2,        0.0);          ( 402188.9,
3781548.8,      331.8,    1259.2,        0.0);
      ( 402208.9, 3781548.8,      330.8,     1259.2,        0.0);          ( 402228.9,
3781548.8,      331.0,    1259.2,        0.0);
      ( 402248.9, 3781548.8,      330.3,     1259.2,        0.0);          ( 402268.9,
3781548.8,      329.9,    1259.2,        0.0);
      ( 402288.9, 3781548.8,      330.0,     1259.2,        0.0);          ( 402308.9,
3781548.8,      329.1,    1259.2,        0.0);
      ( 402328.9, 3781548.8,      329.4,     1259.2,        0.0);          ( 402348.9,
3781548.8,      333.8,    1259.2,        0.0);
      ( 402368.9, 3781548.8,      330.4,     1259.2,        0.0);          ( 402388.9,
3781548.8,      332.1,    1259.2,        0.0);
      ( 402408.9, 3781548.8,      332.3,     1259.2,        0.0);          ( 402428.9,
3781548.8,      332.5,    1259.2,        0.0);
      ( 402448.9, 3781548.8,      332.2,     1259.2,        0.0);          ( 402468.9,
3781548.8,      334.1,    1259.2,        0.0);
      ( 402488.9, 3781548.8,      338.7,     1259.2,        0.0);          ( 402508.9,
3781548.8,      334.6,    1259.2,        0.0);
      ( 401308.9, 3781568.8,      349.9,     1259.2,        0.0);          ( 401328.9,
3781568.8,      350.5,    1259.2,        0.0);
      ( 401348.9, 3781568.8,      349.8,     1259.2,        0.0);          ( 401368.9,
3781568.8,      348.7,    1259.2,        0.0);
      ( 401388.9, 3781568.8,      348.2,     1259.2,        0.0);          ( 401408.9,
3781568.8,      347.8,    1259.2,        0.0);
      ( 401428.9, 3781568.8,      347.5,     1259.2,        0.0);          ( 401448.9,
3781568.8,      346.7,    1259.2,        0.0);
      ( 401468.9, 3781568.8,      345.9,     1259.2,        0.0);          ( 401488.9,
3781568.8,      345.4,    1259.2,        0.0);
      ( 401508.9, 3781568.8,      343.8,     1259.2,        0.0);          ( 401528.9,
3781568.8,      343.3,    1259.2,        0.0);
```

                                *** DISCRETE CARTESIAN RECEPTORS ***
                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                             (METERS)

      (401548.9, 3781568.8,   342.1,   1259.2,   0.0);   (401568.9,
3781568.8,   341.8,   1259.2,   0.0);
      (401588.9, 3781568.8,   341.3,   1259.2,   0.0);   (401608.9,
3781568.8,   341.0,   1259.2,   0.0);
      (401628.9, 3781568.8,   340.5,   1259.2,   0.0);   (401648.9,
3781568.8,   338.8,   1259.2,   0.0);
      (401668.9, 3781568.8,   337.4,   1259.2,   0.0);   (401688.9,
3781568.8,   337.0,   1259.2,   0.0);
      (401708.9, 3781568.8,   336.6,   1259.2,   0.0);   (401728.9,
3781568.8,   337.1,   1259.2,   0.0);
      (401748.9, 3781568.8,   336.2,   1259.2,   0.0);   (401768.9,
3781568.8,   336.4,   1259.2,   0.0);
      (401788.9, 3781568.8,   336.4,   1259.2,   0.0);   (401808.9,
3781568.8,   336.1,   1259.2,   0.0);
      (401828.9, 3781568.8,   335.8,   1259.2,   0.0);   (401848.9,
3781568.8,   335.6,   1259.2,   0.0);
      (401868.9, 3781568.8,   335.3,   1259.2,   0.0);   (401888.9,
3781568.8,   335.2,   1259.2,   0.0);
      (401908.9, 3781568.8,   334.3,   1259.2,   0.0);   (401928.9,
3781568.8,   333.5,   1259.2,   0.0);
      (401948.9, 3781568.8,   333.7,   1259.2,   0.0);   (401968.9,
3781568.8,   333.5,   1259.2,   0.0);
      (401988.9, 3781568.8,   333.1,   1259.2,   0.0);   (402008.9,
3781568.8,   332.5,   1259.2,   0.0);
      (402028.9, 3781568.8,   332.7,   1259.2,   0.0);   (402048.9,
3781568.8,   333.4,   1259.2,   0.0);
      (402068.9, 3781568.8,   332.6,   1259.2,   0.0);   (402088.9,
3781568.8,   332.8,   1259.2,   0.0);
      (402108.9, 3781568.8,   333.3,   1259.2,   0.0);   (402128.9,
3781568.8,   333.3,   1259.2,   0.0);
      (402148.9, 3781568.8,   333.4,   1259.2,   0.0);   (402168.9,
3781568.8,   333.5,   1259.2,   0.0);
      (402188.9, 3781568.8,   333.7,   1259.2,   0.0);   (402208.9,
3781568.8,   332.3,   1259.2,   0.0);
      (402228.9, 3781568.8,   332.2,   1259.2,   0.0);   (402248.9,
3781568.8,   331.1,   1259.2,   0.0);
      (402268.9, 3781568.8,   331.1,   1259.2,   0.0);   (402288.9,
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      (402308.9, 3781568.8,   330.3,   1259.2,   0.0);   (402328.9,
3781568.8,   331.6,   1259.2,   0.0);
      (402348.9, 3781568.8,   333.8,   1259.2,   0.0);   (402368.9,
3781568.8,   332.5,   1259.2,   0.0);

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     ( 402388.9, 3781568.8,      332.9,    1259.2,        0.0);        ( 402408.9,
3781568.8,      333.5,    1259.2,        0.0);
     ( 402428.9, 3781568.8,      334.5,    1259.2,        0.0);        ( 402448.9,
3781568.8,      334.4,    1259.2,        0.0);
     ( 402468.9, 3781568.8,      334.7,    1259.2,        0.0);        ( 402488.9,
3781568.8,      340.3,    1259.2,        0.0);
     ( 402508.9, 3781568.8,      342.2,    1259.2,        0.0);        ( 401308.9,
3781588.8,      352.1,    1259.2,        0.0);
     ( 401328.9, 3781588.8,      351.9,    1259.2,        0.0);        ( 401348.9,
3781588.8,      351.8,    1259.2,        0.0);
     ( 401368.9, 3781588.8,      350.3,    1259.2,        0.0);        ( 401388.9,
3781588.8,      349.9,    1259.2,        0.0);
     ( 401408.9, 3781588.8,      350.6,    1259.2,        0.0);        ( 401428.9,
3781588.8,      349.9,    1259.2,        0.0);
     ( 401448.9, 3781588.8,      348.9,    1259.2,        0.0);        ( 401468.9,
3781588.8,      347.7,    1259.2,        0.0);
     ( 401488.9, 3781588.8,      348.1,    1259.2,        0.0);        ( 401508.9,
3781588.8,      346.0,    1259.2,        0.0);
     ( 401528.9, 3781588.8,      345.0,    1259.2,        0.0);        ( 401548.9,
3781588.8,      343.7,    1259.2,        0.0);
     ( 401568.9, 3781588.8,      343.4,    1259.2,        0.0);        ( 401588.9,
3781588.8,      343.1,    1259.2,        0.0);
     ( 401608.9, 3781588.8,      342.1,    1259.2,        0.0);        ( 401628.9,
3781588.8,      341.1,    1259.2,        0.0);
     ( 401648.9, 3781588.8,      340.5,    1259.2,        0.0);        ( 401668.9,
3781588.8,      339.2,    1259.2,        0.0);
     ( 401688.9, 3781588.8,      338.9,    1259.2,        0.0);        ( 401708.9,
3781588.8,      338.6,    1259.2,        0.0);
     ( 401728.9, 3781588.8,      338.7,    1259.2,        0.0);        ( 401748.9,
3781588.8,      338.2,    1259.2,        0.0);
     ( 401768.9, 3781588.8,      338.5,    1259.2,        0.0);        ( 401788.9,
3781588.8,      338.6,    1259.2,        0.0);
     ( 401808.9, 3781588.8,      338.7,    1259.2,        0.0);        ( 401828.9,
3781588.8,      338.7,    1259.2,        0.0);
     ( 401848.9, 3781588.8,      338.0,    1259.2,        0.0);        ( 401868.9,
3781588.8,      337.0,    1259.2,        0.0);
     ( 401888.9, 3781588.8,      337.1,    1259.2,        0.0);        ( 401908.9,
3781588.8,      336.2,    1259.2,        0.0);
     ( 401928.9, 3781588.8,      335.2,    1259.2,        0.0);        ( 401948.9,
3781588.8,      335.2,    1259.2,        0.0);
     ( 401968.9, 3781588.8,      335.1,    1259.2,        0.0);        ( 401988.9,
3781588.8,      334.8,    1259.2,        0.0);
     ( 402008.9, 3781588.8,      334.6,    1259.2,        0.0);        ( 402028.9,
3781588.8,      334.5,    1259.2,        0.0);
     ( 402048.9, 3781588.8,      334.2,    1259.2,        0.0);        ( 402068.9,
3781588.8,      334.5,    1259.2,        0.0);
     ( 402088.9, 3781588.8,      334.8,    1259.2,        0.0);        ( 402108.9,
3781588.8,      334.9,    1259.2,        0.0);
```

                                      *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

     (402128.9, 3781588.8,   335.2,   1259.2,   0.0);   (402148.9,
3781588.8,   335.2,   1259.2,   0.0);
     (402168.9, 3781588.8,   334.9,   1259.2,   0.0);   (402188.9,
3781588.8,   334.7,   1259.2,   0.0);
     (402208.9, 3781588.8,   333.9,   1259.2,   0.0);   (402228.9,
3781588.8,   333.5,   1259.2,   0.0);
     (402248.9, 3781588.8,   332.8,   1259.2,   0.0);   (402268.9,
3781588.8,   332.4,   1259.2,   0.0);
     (402288.9, 3781588.8,   331.6,   1259.2,   0.0);   (402308.9,
3781588.8,   332.9,   1259.2,   0.0);
     (402328.9, 3781588.8,   334.5,   1259.2,   0.0);   (402348.9,
3781588.8,   332.7,   1259.2,   0.0);
     (402368.9, 3781588.8,   332.9,   1259.2,   0.0);   (402388.9,
3781588.8,   333.9,   1259.2,   0.0);
     (402408.9, 3781588.8,   334.8,   1259.2,   0.0);   (402428.9,
3781588.8,   334.9,   1259.2,   0.0);
     (402448.9, 3781588.8,   335.6,   1259.2,   0.0);   (402468.9,
3781588.8,   336.6,   1259.2,   0.0);
     (402488.9, 3781588.8,   338.8,   1259.2,   0.0);   (402508.9,
3781588.8,   342.1,   1259.2,   0.0);
     (401308.9, 3781608.8,   353.6,   1259.2,   0.0);   (401328.9,
3781608.8,   353.6,   1259.2,   0.0);
     (401348.9, 3781608.8,   353.4,   1259.2,   0.0);   (401368.9,
3781608.8,   352.1,   1259.2,   0.0);
     (401388.9, 3781608.8,   352.3,   1259.2,   0.0);   (401408.9,
3781608.8,   352.2,   1259.2,   0.0);
     (401428.9, 3781608.8,   351.5,   1259.2,   0.0);   (401448.9,
3781608.8,   350.1,   1259.2,   0.0);
     (401468.9, 3781608.8,   349.4,   1259.2,   0.0);   (401488.9,
3781608.8,   349.6,   1259.2,   0.0);
     (401508.9, 3781608.8,   347.8,   1259.2,   0.0);   (401528.9,
3781608.8,   347.2,   1259.2,   0.0);
     (401548.9, 3781608.8,   345.2,   1259.2,   0.0);   (401568.9,
3781608.8,   344.7,   1259.2,   0.0);
     (401588.9, 3781608.8,   344.3,   1259.2,   0.0);   (401608.9,
3781608.8,   343.3,   1259.2,   0.0);
     (401628.9, 3781608.8,   342.6,   1259.2,   0.0);   (401648.9,
3781608.8,   341.8,   1259.2,   0.0);
     (401668.9, 3781608.8,   339.6,   1259.2,   0.0);   (401688.9,
3781608.8,   339.9,   1259.2,   0.0);

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( 401708.9, 3781608.8,     339.9,     1259.2,        0.0);        ( 401728.9,
3781608.8,     339.5,     1259.2,        0.0);
( 401748.9, 3781608.8,     340.2,     1259.2,        0.0);        ( 401768.9,
3781608.8,     340.2,     1259.2,        0.0);
( 401788.9, 3781608.8,     340.1,     1259.2,        0.0);        ( 401808.9,
3781608.8,     339.9,     1259.2,        0.0);
( 401828.9, 3781608.8,     339.5,     1259.2,        0.0);        ( 401848.9,
3781608.8,     339.4,     1259.2,        0.0);
( 401868.9, 3781608.8,     338.9,     1259.2,        0.0);        ( 401888.9,
3781608.8,     338.9,     1259.2,        0.0);
( 401908.9, 3781608.8,     338.7,     1259.2,        0.0);        ( 401928.9,
3781608.8,     337.7,     1259.2,        0.0);
( 401948.9, 3781608.8,     337.6,     1259.2,        0.0);        ( 401968.9,
3781608.8,     337.2,     1259.2,        0.0);
( 401988.9, 3781608.8,     337.3,     1259.2,        0.0);        ( 402008.9,
3781608.8,     337.1,     1259.2,        0.0);
( 402028.9, 3781608.8,     336.8,     1259.2,        0.0);        ( 402048.9,
3781608.8,     336.8,     1259.2,        0.0);
( 402068.9, 3781608.8,     337.1,     1259.2,        0.0);        ( 402088.9,
3781608.8,     336.9,     1259.2,        0.0);
( 402108.9, 3781608.8,     337.2,     1259.2,        0.0);        ( 402128.9,
3781608.8,     336.9,     1259.2,        0.0);
( 402148.9, 3781608.8,     336.7,     1259.2,        0.0);        ( 402168.9,
3781608.8,     336.3,     1259.2,        0.0);
( 402188.9, 3781608.8,     335.7,     1259.2,        0.0);        ( 402208.9,
3781608.8,     335.0,     1259.2,        0.0);
( 402228.9, 3781608.8,     334.2,     1259.2,        0.0);        ( 402248.9,
3781608.8,     334.1,     1259.2,        0.0);
( 402268.9, 3781608.8,     333.1,     1259.2,        0.0);        ( 402288.9,
3781608.8,     333.6,     1259.2,        0.0);
( 402308.9, 3781608.8,     339.8,     1259.2,        0.0);        ( 402328.9,
3781608.8,     341.0,     1259.2,        0.0);
( 402348.9, 3781608.8,     334.6,     1259.2,        0.0);        ( 402368.9,
3781608.8,     333.9,     1259.2,        0.0);
( 402388.9, 3781608.8,     335.4,     1259.2,        0.0);        ( 402408.9,
3781608.8,     336.8,     1259.2,        0.0);
( 402428.9, 3781608.8,     337.6,     1259.2,        0.0);        ( 402448.9,
3781608.8,     337.5,     1259.2,        0.0);
( 402468.9, 3781608.8,     338.3,     1259.2,        0.0);        ( 402488.9,
3781608.8,     339.9,     1259.2,        0.0);
( 402508.9, 3781608.8,     341.0,     1259.2,        0.0);        ( 401308.9,
3781628.8,     355.0,     1259.2,        0.0);
( 401328.9, 3781628.8,     355.0,     1259.2,        0.0);        ( 401348.9,
3781628.8,     354.8,     1259.2,        0.0);
( 401368.9, 3781628.8,     354.0,     1259.2,        0.0);        ( 401388.9,
3781628.8,     353.8,     1259.2,        0.0);
( 401408.9, 3781628.8,     353.6,     1259.2,        0.0);        ( 401428.9,
3781628.8,     352.8,     1259.2,        0.0);
( 401448.9, 3781628.8,     351.8,     1259.2,        0.0);        ( 401468.9,
3781628.8,     350.9,     1259.2,        0.0);
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⬧ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 95
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

     (401488.9, 3781628.8,   350.8,   1259.2,   0.0);   (401508.9,
3781628.8,   348.8,   1259.2,   0.0);
     (401528.9, 3781628.8,   348.6,   1259.2,   0.0);   (401548.9,
3781628.8,   346.6,   1259.2,   0.0);
     (401568.9, 3781628.8,   346.2,   1259.2,   0.0);   (401588.9,
3781628.8,   345.9,   1259.2,   0.0);
     (401608.9, 3781628.8,   345.7,   1259.2,   0.0);   (401628.9,
3781628.8,   344.0,   1259.2,   0.0);
     (401648.9, 3781628.8,   343.5,   1259.2,   0.0);   (401668.9,
3781628.8,   342.6,   1259.2,   0.0);
     (401688.9, 3781628.8,   341.8,   1259.2,   0.0);   (401708.9,
3781628.8,   342.0,   1259.2,   0.0);
     (401728.9, 3781628.8,   341.8,   1259.2,   0.0);   (401748.9,
3781628.8,   342.1,   1259.2,   0.0);
     (401768.9, 3781628.8,   342.1,   1259.2,   0.0);   (401788.9,
3781628.8,   342.2,   1259.2,   0.0);
     (402128.9, 3781628.8,   338.9,   1259.2,   0.0);   (402148.9,
3781628.8,   338.7,   1259.2,   0.0);
     (402168.9, 3781628.8,   338.3,   1259.2,   0.0);   (402188.9,
3781628.8,   337.4,   1259.2,   0.0);
     (402208.9, 3781628.8,   336.8,   1259.2,   0.0);   (402228.9,
3781628.8,   336.3,   1259.2,   0.0);
     (402248.9, 3781628.8,   335.2,   1259.2,   0.0);   (402268.9,
3781628.8,   335.5,   1259.2,   0.0);
     (402288.9, 3781628.8,   342.4,   1259.2,   0.0);   (402308.9,
3781628.8,   346.7,   1259.2,   0.0);
     (402328.9, 3781628.8,   345.2,   1259.2,   0.0);   (402348.9,
3781628.8,   336.9,   1259.2,   0.0);
     (402368.9, 3781628.8,   335.6,   1259.2,   0.0);   (402388.9,
3781628.8,   341.0,   1259.2,   0.0);
     (402408.9, 3781628.8,   342.3,   1259.2,   0.0);   (402428.9,
3781628.8,   339.5,   1259.2,   0.0);
     (402448.9, 3781628.8,   339.4,   1259.2,   0.0);   (402468.9,
3781628.8,   339.9,   1259.2,   0.0);
     (402488.9, 3781628.8,   340.2,   1259.2,   0.0);   (402508.9,
3781628.8,   340.2,   1259.2,   0.0);
     (401308.9, 3781648.8,   356.7,   1259.2,   0.0);   (401328.9,
3781648.8,   356.3,   1259.2,   0.0);

```
    ( 401348.9, 3781648.8,      356.2,     1259.2,         0.0);        ( 401368.9,
3781648.8,      355.9,     1259.2,         0.0);
    ( 401388.9, 3781648.8,      355.2,     1259.2,         0.0);        ( 401408.9,
3781648.8,      354.7,     1259.2,         0.0);
    ( 401428.9, 3781648.8,      354.0,     1259.2,         0.0);        ( 401448.9,
3781648.8,      353.3,     1259.2,         0.0);
    ( 401468.9, 3781648.8,      352.4,     1259.2,         0.0);        ( 401488.9,
3781648.8,      351.5,     1259.2,         0.0);
    ( 401508.9, 3781648.8,      350.3,     1259.2,         0.0);        ( 401528.9,
3781648.8,      349.1,     1259.2,         0.0);
    ( 401548.9, 3781648.8,      347.9,     1259.2,         0.0);        ( 401568.9,
3781648.8,      347.2,     1259.2,         0.0);
    ( 401588.9, 3781648.8,      346.1,     1259.2,         0.0);        ( 401608.9,
3781648.8,      345.9,     1259.2,         0.0);
    ( 401628.9, 3781648.8,      344.2,     1259.2,         0.0);        ( 401648.9,
3781648.8,      344.1,     1259.2,         0.0);
    ( 401668.9, 3781648.8,      343.8,     1259.2,         0.0);        ( 401688.9,
3781648.8,      343.2,     1259.2,         0.0);
    ( 401708.9, 3781648.8,      343.4,     1259.2,         0.0);        ( 401728.9,
3781648.8,      343.2,     1259.2,         0.0);
    ( 401748.9, 3781648.8,      343.5,     1259.2,         0.0);        ( 401768.9,
3781648.8,      343.4,     1259.2,         0.0);
    ( 401788.9, 3781648.8,      343.7,     1259.2,         0.0);        ( 402108.9,
3781648.8,      341.4,     1259.2,         0.0);
    ( 402128.9, 3781648.8,      340.4,     1259.2,         0.0);        ( 402148.9,
3781648.8,      340.4,     1259.2,         0.0);
    ( 402168.9, 3781648.8,      339.9,     1259.2,         0.0);        ( 402188.9,
3781648.8,      338.6,     1259.2,         0.0);
    ( 402208.9, 3781648.8,      338.1,     1259.2,         0.0);        ( 402228.9,
3781648.8,      337.7,     1259.2,         0.0);
    ( 402248.9, 3781648.8,      337.4,     1259.2,         0.0);        ( 402268.9,
3781648.8,      346.0,     1259.2,         0.0);
    ( 402288.9, 3781648.8,      349.7,     1259.2,         0.0);        ( 402308.9,
3781648.8,      349.0,     1259.2,         0.0);
    ( 402328.9, 3781648.8,      342.7,     1259.2,         0.0);        ( 402348.9,
3781648.8,      337.8,     1259.2,         0.0);
    ( 402368.9, 3781648.8,      337.4,     1259.2,         0.0);        ( 402388.9,
3781648.8,      344.2,     1259.2,         0.0);
    ( 402408.9, 3781648.8,      346.3,     1259.2,         0.0);        ( 402428.9,
3781648.8,      341.9,     1259.2,         0.0);
    ( 402448.9, 3781648.8,      342.2,     1259.2,         0.0);        ( 402468.9,
3781648.8,      341.9,     1259.2,         0.0);
    ( 402488.9, 3781648.8,      342.2,     1259.2,         0.0);        ( 402508.9,
3781648.8,      342.4,     1259.2,         0.0);
    ( 401308.9, 3781668.8,      358.3,     1259.2,         0.0);        ( 401328.9,
3781668.8,      358.1,     1259.2,         0.0);
    ( 401348.9, 3781668.8,      357.9,     1259.2,         0.0);        ( 401368.9,
3781668.8,      357.7,     1259.2,         0.0);
    ( 401388.9, 3781668.8,      357.1,     1259.2,         0.0);        ( 401408.9,
3781668.8,      356.3,     1259.2,         0.0);
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     ( 401428.9, 3781668.8,      355.7,     1259.2,        0.0);          ( 401448.9,
3781668.8,      355.0,    1259.2,        0.0);
♠ *** AERMOD - VERSION  19191 ***    *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***       04/07/21
 *** AERMET - VERSION  16216 ***    ***
                          ***          05:36:20


                            PAGE  96
 *** MODELOPTs:     RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                       *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)


     ( 401468.9, 3781668.8,      353.7,     1259.2,        0.0);          ( 401488.9,
3781668.8,      352.7,    1259.2,        0.0);
     ( 401508.9, 3781668.8,      351.6,     1259.2,        0.0);          ( 401528.9,
3781668.8,      350.9,    1259.2,        0.0);
     ( 401548.9, 3781668.8,      349.2,     1259.2,        0.0);          ( 401568.9,
3781668.8,      349.2,    1259.2,        0.0);
     ( 401588.9, 3781668.8,      348.1,     1259.2,        0.0);          ( 401608.9,
3781668.8,      347.8,    1259.2,        0.0);
     ( 401628.9, 3781668.8,      346.0,     1259.2,        0.0);          ( 401648.9,
3781668.8,      345.5,    1259.2,        0.0);
     ( 401668.9, 3781668.8,      345.6,     1259.2,        0.0);          ( 401688.9,
3781668.8,      345.1,    1259.2,        0.0);
     ( 401708.9, 3781668.8,      345.7,     1259.2,        0.0);          ( 401728.9,
3781668.8,      345.2,    1259.2,        0.0);
     ( 401748.9, 3781668.8,      345.9,     1259.2,        0.0);          ( 401768.9,
3781668.8,      345.9,    1259.2,        0.0);
     ( 401788.9, 3781668.8,      345.6,     1259.2,        0.0);          ( 402108.9,
3781668.8,      343.1,    1259.2,        0.0);
     ( 402128.9, 3781668.8,      342.0,     1259.2,        0.0);          ( 402148.9,
3781668.8,      342.2,    1259.2,        0.0);
     ( 402168.9, 3781668.8,      341.7,     1259.2,        0.0);          ( 402188.9,
3781668.8,      341.9,    1259.2,        0.0);
     ( 402208.9, 3781668.8,      341.4,     1259.2,        0.0);          ( 402228.9,
3781668.8,      338.6,    1259.2,        0.0);
     ( 402248.9, 3781668.8,      339.6,     1259.2,        0.0);          ( 402268.9,
3781668.8,      349.5,    1259.2,        0.0);
     ( 402288.9, 3781668.8,      351.7,     1259.2,        0.0);          ( 402308.9,
3781668.8,      352.0,    1259.2,        0.0);
     ( 402328.9, 3781668.8,      344.8,     1259.2,        0.0);          ( 402348.9,
3781668.8,      340.6,    1259.2,        0.0);
     ( 402368.9, 3781668.8,      339.3,     1259.2,        0.0);          ( 402388.9,
3781668.8,      342.0,    1259.2,        0.0);
     ( 402408.9, 3781668.8,      346.9,     1259.2,        0.0);          ( 402428.9,
3781668.8,      344.1,    1259.2,        0.0);
     ( 402448.9, 3781668.8,      344.1,     1259.2,        0.0);          ( 402468.9,
3781668.8,      344.2,    1259.2,        0.0);
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(402488.9, 3781668.8,   345.3,   1259.2,   0.0);   (402508.9,
3781668.8,   345.7,   1259.2,   0.0);
(401308.9, 3781688.8,   359.0,   1259.2,   0.0);   (401328.9,
3781688.8,   358.9,   1259.2,   0.0);
(401348.9, 3781688.8,   358.7,   1259.2,   0.0);   (401368.9,
3781688.8,   358.5,   1259.2,   0.0);
(401388.9, 3781688.8,   358.0,   1259.2,   0.0);   (401408.9,
3781688.8,   357.0,   1259.2,   0.0);
(401428.9, 3781688.8,   356.0,   1259.2,   0.0);   (401448.9,
3781688.8,   355.3,   1259.2,   0.0);
(401468.9, 3781688.8,   354.3,   1259.2,   0.0);   (401488.9,
3781688.8,   353.3,   1259.2,   0.0);
(401508.9, 3781688.8,   352.1,   1259.2,   0.0);   (401528.9,
3781688.8,   351.4,   1259.2,   0.0);
(401548.9, 3781688.8,   350.5,   1259.2,   0.0);   (401568.9,
3781688.8,   349.7,   1259.2,   0.0);
(401588.9, 3781688.8,   348.8,   1259.2,   0.0);   (401608.9,
3781688.8,   348.2,   1259.2,   0.0);
(401628.9, 3781688.8,   347.7,   1259.2,   0.0);   (401648.9,
3781688.8,   347.4,   1259.2,   0.0);
(401668.9, 3781688.8,   347.0,   1259.2,   0.0);   (401688.9,
3781688.8,   346.9,   1259.2,   0.0);
(401708.9, 3781688.8,   347.1,   1259.2,   0.0);   (401728.9,
3781688.8,   347.3,   1259.2,   0.0);
(401748.9, 3781688.8,   348.3,   1259.2,   0.0);   (401768.9,
3781688.8,   348.2,   1259.2,   0.0);
(401788.9, 3781688.8,   347.6,   1259.2,   0.0);   (402088.9,
3781688.8,   346.5,   1259.2,   0.0);
(402108.9, 3781688.8,   344.3,   1259.2,   0.0);   (402128.9,
3781688.8,   343.7,   1259.2,   0.0);
(402148.9, 3781688.8,   344.0,   1259.2,   0.0);   (402168.9,
3781688.8,   343.6,   1259.2,   0.0);
(402188.9, 3781688.8,   343.4,   1259.2,   0.0);   (402208.9,
3781688.8,   342.0,   1259.2,   0.0);
(402228.9, 3781688.8,   343.0,   1259.2,   0.0);   (402248.9,
3781688.8,   346.4,   1259.2,   0.0);
(402268.9, 3781688.8,   347.0,   1259.2,   0.0);   (402288.9,
3781688.8,   354.9,   1259.2,   0.0);
(402308.9, 3781688.8,   354.2,   1259.2,   0.0);   (402328.9,
3781688.8,   350.5,   1259.2,   0.0);
(402348.9, 3781688.8,   345.9,   1259.2,   0.0);   (402368.9,
3781688.8,   341.3,   1259.2,   0.0);
(402388.9, 3781688.8,   345.3,   1259.2,   0.0);   (402408.9,
3781688.8,   346.7,   1259.2,   0.0);
(402428.9, 3781688.8,   346.2,   1259.2,   0.0);   (402448.9,
3781688.8,   346.2,   1259.2,   0.0);
(402468.9, 3781688.8,   346.6,   1259.2,   0.0);   (402488.9,
3781688.8,   347.4,   1259.2,   0.0);
(402508.9, 3781688.8,   348.5,   1259.2,   0.0);   (401308.9,
3781708.8,   362.7,   1259.2,   0.0);

```
    ( 401328.9, 3781708.8,     362.9,    1259.2,        0.0);          ( 401348.9,
3781708.8,     362.4,    1259.2,       0.0);
    ( 401368.9, 3781708.8,     362.1,    1259.2,        0.0);          ( 401388.9,
3781708.8,     361.2,    1259.2,       0.0);
```

↑ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                            PAGE 97
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                         *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

```
    ( 401408.9, 3781708.8,     360.3,    1259.2,        0.0);          ( 401428.9,
3781708.8,     359.5,    1259.2,       0.0);
    ( 401448.9, 3781708.8,     358.4,    1259.2,        0.0);          ( 401468.9,
3781708.8,     357.5,    1259.2,       0.0);
    ( 401488.9, 3781708.8,     356.4,    1259.2,        0.0);          ( 401508.9,
3781708.8,     355.3,    1259.2,       0.0);
    ( 401528.9, 3781708.8,     353.2,    1259.2,        0.0);          ( 401548.9,
3781708.8,     351.4,    1259.2,       0.0);
    ( 401568.9, 3781708.8,     350.7,    1259.2,        0.0);          ( 401588.9,
3781708.8,     349.8,    1259.2,       0.0);
    ( 401608.9, 3781708.8,     349.6,    1259.2,        0.0);          ( 401628.9,
3781708.8,     349.6,    1259.2,       0.0);
    ( 401648.9, 3781708.8,     349.5,    1259.2,        0.0);          ( 401668.9,
3781708.8,     349.9,    1259.2,       0.0);
    ( 401688.9, 3781708.8,     349.0,    1259.2,        0.0);          ( 401708.9,
3781708.8,     349.9,    1259.2,       0.0);
    ( 401728.9, 3781708.8,     349.5,    1259.2,        0.0);          ( 401748.9,
3781708.8,     350.5,    1259.2,       0.0);
    ( 401768.9, 3781708.8,     350.8,    1259.2,        0.0);          ( 401788.9,
3781708.8,     349.8,    1259.2,       0.0);
    ( 402088.9, 3781708.8,     349.6,    1259.2,        0.0);          ( 402108.9,
3781708.8,     346.7,    1259.2,       0.0);
    ( 402128.9, 3781708.8,     347.5,    1259.2,        0.0);          ( 402148.9,
3781708.8,     347.9,    1259.2,       0.0);
    ( 402168.9, 3781708.8,     348.1,    1259.2,        0.0);          ( 402188.9,
3781708.8,     347.4,    1259.2,       0.0);
    ( 402208.9, 3781708.8,     344.2,    1259.2,        0.0);          ( 402228.9,
3781708.8,     347.1,    1259.2,       0.0);
    ( 402248.9, 3781708.8,     353.5,    1259.2,        0.0);          ( 402268.9,
3781708.8,     346.6,    1259.2,       0.0);
    ( 402288.9, 3781708.8,     356.6,    1259.2,        0.0);          ( 402308.9,
3781708.8,     358.0,    1259.2,       0.0);
    ( 402328.9, 3781708.8,     356.0,    1259.2,        0.0);          ( 402348.9,
3781708.8,     346.9,    1259.2,       0.0);
```

```
( 402368.9, 3781708.8,     344.0,    1259.2,       0.0);        ( 402388.9,
3781708.8,      349.1,    1259.2,       0.0);
   ( 402408.9, 3781708.8,     347.6,    1259.2,       0.0);        ( 402428.9,
3781708.8,      348.7,    1259.2,       0.0);
   ( 402448.9, 3781708.8,     349.5,    1259.2,       0.0);        ( 402468.9,
3781708.8,      348.9,    1259.2,       0.0);
   ( 402488.9, 3781708.8,     349.3,    1259.2,       0.0);        ( 402508.9,
3781708.8,      350.8,    1259.2,       0.0);
   ( 401308.9, 3781728.8,     363.3,    1259.2,       0.0);        ( 401328.9,
3781728.8,      363.2,    1259.2,       0.0);
   ( 401348.9, 3781728.8,     362.5,    1259.2,       0.0);        ( 401368.9,
3781728.8,      362.0,    1259.2,       0.0);
   ( 401388.9, 3781728.8,     361.4,    1259.2,       0.0);        ( 401408.9,
3781728.8,      360.5,    1259.2,       0.0);
   ( 401428.9, 3781728.8,     359.7,    1259.2,       0.0);        ( 401448.9,
3781728.8,      358.8,    1259.2,       0.0);
   ( 401468.9, 3781728.8,     357.8,    1259.2,       0.0);        ( 401488.9,
3781728.8,      356.9,    1259.2,       0.0);
   ( 401508.9, 3781728.8,     355.7,    1259.2,       0.0);        ( 401528.9,
3781728.8,      353.6,    1259.2,       0.0);
   ( 401548.9, 3781728.8,     352.4,    1259.2,       0.0);        ( 401568.9,
3781728.8,      351.8,    1259.2,       0.0);
   ( 401588.9, 3781728.8,     350.9,    1259.2,       0.0);        ( 401608.9,
3781728.8,      351.3,    1259.2,       0.0);
   ( 401628.9, 3781728.8,     351.1,    1259.2,       0.0);        ( 401648.9,
3781728.8,      351.3,    1259.2,       0.0);
   ( 401668.9, 3781728.8,     351.4,    1259.2,       0.0);        ( 401688.9,
3781728.8,      351.4,    1259.2,       0.0);
   ( 401708.9, 3781728.8,     351.3,    1259.2,       0.0);        ( 401728.9,
3781728.8,      351.4,    1259.2,       0.0);
   ( 401748.9, 3781728.8,     352.2,    1259.2,       0.0);        ( 401768.9,
3781728.8,      352.3,    1259.2,       0.0);
   ( 401788.9, 3781728.8,     351.7,    1259.2,       0.0);        ( 402088.9,
3781728.8,      352.2,    1259.2,       0.0);
   ( 402108.9, 3781728.8,     353.4,    1259.2,       0.0);        ( 402128.9,
3781728.8,      354.8,    1259.2,       0.0);
   ( 402148.9, 3781728.8,     354.8,    1259.2,       0.0);        ( 402168.9,
3781728.8,      355.0,    1259.2,       0.0);
   ( 402188.9, 3781728.8,     354.6,    1259.2,       0.0);        ( 402208.9,
3781728.8,      351.8,    1259.2,       0.0);
   ( 402228.9, 3781728.8,     351.1,    1259.2,       0.0);        ( 402248.9,
3781728.8,      354.0,    1259.2,       0.0);
   ( 402268.9, 3781728.8,     354.2,    1259.2,       0.0);        ( 402288.9,
3781728.8,      355.3,    1259.2,       0.0);
   ( 402308.9, 3781728.8,     360.9,    1259.2,       0.0);        ( 402328.9,
3781728.8,      355.0,    1259.2,       0.0);
   ( 402348.9, 3781728.8,     352.2,    1259.2,       0.0);        ( 402368.9,
3781728.8,      348.4,    1259.2,       0.0);
   ( 402388.9, 3781728.8,     350.6,    1259.2,       0.0);        ( 402408.9,
3781728.8,      349.2,    1259.2,       0.0);
```

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    ( 402428.9, 3781728.8,    350.2,    1259.2,      0.0);        ( 402448.9,
3781728.8,    351.0,    1259.2,      0.0);
    ( 402468.9, 3781728.8,    351.4,    1259.2,      0.0);        ( 402488.9,
3781728.8,    351.5,    1259.2,      0.0);
    ( 402508.9, 3781728.8,    352.4,    1259.2,      0.0);        ( 401308.9,
3781748.8,    364.2,    1259.2,      0.0);
```

⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                            PAGE 98
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

```
    ( 401328.9, 3781748.8,    363.9,    1259.2,      0.0);        ( 401348.9,
3781748.8,    363.4,    1259.2,      0.0);
    ( 401368.9, 3781748.8,    362.9,    1259.2,      0.0);        ( 401388.9,
3781748.8,    362.2,    1259.2,      0.0);
    ( 401408.9, 3781748.8,    361.4,    1259.2,      0.0);        ( 401428.9,
3781748.8,    360.7,    1259.2,      0.0);
    ( 401448.9, 3781748.8,    359.5,    1259.2,      0.0);        ( 401468.9,
3781748.8,    358.9,    1259.2,      0.0);
    ( 401488.9, 3781748.8,    357.9,    1259.2,      0.0);        ( 401508.9,
3781748.8,    356.7,    1259.2,      0.0);
    ( 401528.9, 3781748.8,    355.0,    1259.2,      0.0);        ( 401548.9,
3781748.8,    353.5,    1259.2,      0.0);
    ( 401568.9, 3781748.8,    353.1,    1259.2,      0.0);        ( 401588.9,
3781748.8,    352.5,    1259.2,      0.0);
    ( 401608.9, 3781748.8,    353.1,    1259.2,      0.0);        ( 401628.9,
3781748.8,    353.1,    1259.2,      0.0);
    ( 401648.9, 3781748.8,    353.2,    1259.2,      0.0);        ( 401668.9,
3781748.8,    353.5,    1259.2,      0.0);
    ( 401688.9, 3781748.8,    353.8,    1259.2,      0.0);        ( 401708.9,
3781748.8,    353.6,    1259.2,      0.0);
    ( 401728.9, 3781748.8,    353.9,    1259.2,      0.0);        ( 401748.9,
3781748.8,    354.8,    1259.2,      0.0);
    ( 401768.9, 3781748.8,    354.5,    1259.2,      0.0);        ( 401788.9,
3781748.8,    354.0,    1259.2,      0.0);
    ( 402068.9, 3781748.8,    354.5,    1259.2,      0.0);        ( 402088.9,
3781748.8,    355.6,    1259.2,      0.0);
    ( 402108.9, 3781748.8,    355.7,    1259.2,      0.0);        ( 402128.9,
3781748.8,    351.3,    1259.2,      0.0);
    ( 402148.9, 3781748.8,    350.1,    1259.2,      0.0);        ( 402168.9,
3781748.8,    349.9,    1259.2,      0.0);
    ( 402188.9, 3781748.8,    350.7,    1259.2,      0.0);        ( 402208.9,
3781748.8,    353.6,    1259.2,      0.0);
```

```
  ( 402228.9, 3781748.8,     355.4,    1259.2,       0.0);       ( 402248.9,
3781748.8,     355.1,    1259.2,       0.0);
  ( 402268.9, 3781748.8,     356.7,    1259.2,       0.0);       ( 402288.9,
3781748.8,     359.5,    1259.2,       0.0);
  ( 402308.9, 3781748.8,     363.9,    1259.2,       0.0);       ( 402328.9,
3781748.8,     363.3,    1259.2,       0.0);
  ( 402348.9, 3781748.8,     355.7,    1259.2,       0.0);       ( 402368.9,
3781748.8,     354.1,    1259.2,       0.0);
  ( 402388.9, 3781748.8,     353.4,    1259.2,       0.0);       ( 402408.9,
3781748.8,     353.0,    1259.2,       0.0);
  ( 402428.9, 3781748.8,     353.0,    1259.2,       0.0);       ( 402448.9,
3781748.8,     355.8,    1259.2,       0.0);
  ( 402468.9, 3781748.8,     353.7,    1259.2,       0.0);       ( 402488.9,
3781748.8,     354.7,    1259.2,       0.0);
  ( 402508.9, 3781748.8,     354.7,    1259.2,       0.0);       ( 401308.9,
3781768.8,     365.2,    1259.2,       0.0);
  ( 401328.9, 3781768.8,     364.9,    1259.2,       0.0);       ( 401348.9,
3781768.8,     364.3,    1259.2,       0.0);
  ( 401368.9, 3781768.8,     364.0,    1259.2,       0.0);       ( 401388.9,
3781768.8,     363.1,    1259.2,       0.0);
  ( 401408.9, 3781768.8,     362.5,    1259.2,       0.0);       ( 401428.9,
3781768.8,     362.0,    1259.2,       0.0);
  ( 401448.9, 3781768.8,     360.9,    1259.2,       0.0);       ( 401468.9,
3781768.8,     360.3,    1259.2,       0.0);
  ( 401488.9, 3781768.8,     359.6,    1259.2,       0.0);       ( 401508.9,
3781768.8,     358.2,    1259.2,       0.0);
  ( 401528.9, 3781768.8,     355.9,    1259.2,       0.0);       ( 401548.9,
3781768.8,     355.0,    1259.2,       0.0);
  ( 401568.9, 3781768.8,     354.4,    1259.2,       0.0);       ( 401588.9,
3781768.8,     354.2,    1259.2,       0.0);
  ( 401608.9, 3781768.8,     354.3,    1259.2,       0.0);       ( 401628.9,
3781768.8,     354.4,    1259.2,       0.0);
  ( 401648.9, 3781768.8,     354.7,    1259.2,       0.0);       ( 401668.9,
3781768.8,     354.7,    1259.2,       0.0);
  ( 401688.9, 3781768.8,     355.0,    1259.2,       0.0);       ( 401708.9,
3781768.8,     355.4,    1259.2,       0.0);
  ( 401728.9, 3781768.8,     356.0,    1259.2,       0.0);       ( 401748.9,
3781768.8,     356.7,    1259.2,       0.0);
  ( 401768.9, 3781768.8,     356.4,    1259.2,       0.0);       ( 401788.9,
3781768.8,     355.8,    1259.2,       0.0);
  ( 402068.9, 3781768.8,     356.6,    1259.2,       0.0);       ( 402088.9,
3781768.8,     358.1,    1259.2,       0.0);
  ( 402108.9, 3781768.8,     351.0,    1259.2,       0.0);       ( 402128.9,
3781768.8,     345.4,    1259.2,       0.0);
  ( 402148.9, 3781768.8,     344.3,    1259.2,       0.0);       ( 402168.9,
3781768.8,     344.6,    1259.2,       0.0);
  ( 402188.9, 3781768.8,     345.2,    1259.2,       0.0);       ( 402208.9,
3781768.8,     350.0,    1259.2,       0.0);
  ( 402228.9, 3781768.8,     359.5,    1259.2,       0.0);       ( 402248.9,
3781768.8,     358.6,    1259.2,       0.0);
```

```
     ( 402268.9, 3781768.8,     360.2,    1259.2,        0.0);          ( 402288.9,
3781768.8,     362.7,    1259.2,        0.0);
     ( 402308.9, 3781768.8,     365.9,    1259.2,        0.0);          ( 402328.9,
3781768.8,     367.8,    1259.2,        0.0);
     ( 402348.9, 3781768.8,     364.8,    1259.2,        0.0);          ( 402368.9,
3781768.8,     361.2,    1259.2,        0.0);
     ( 402388.9, 3781768.8,     358.8,    1259.2,        0.0);          ( 402408.9,
3781768.8,     358.7,    1259.2,        0.0);
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                                 PAGE 99
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

```
     ( 402428.9, 3781768.8,     358.8,    1259.2,        0.0);          ( 402448.9,
3781768.8,     356.8,    1259.2,        0.0);
     ( 402468.9, 3781768.8,     355.6,    1259.2,        0.0);          ( 402488.9,
3781768.8,     356.0,    1259.2,        0.0);
     ( 402508.9, 3781768.8,     355.9,    1259.2,        0.0);          ( 401308.9,
3781788.8,     370.0,    1259.2,        0.0);
     ( 401328.9, 3781788.8,     369.7,    1259.2,        0.0);          ( 401348.9,
3781788.8,     368.8,    1259.2,        0.0);
     ( 401368.9, 3781788.8,     367.8,    1259.2,        0.0);          ( 401388.9,
3781788.8,     367.1,    1259.2,        0.0);
     ( 401408.9, 3781788.8,     365.9,    1259.2,        0.0);          ( 401428.9,
3781788.8,     365.7,    1259.2,        0.0);
     ( 401448.9, 3781788.8,     364.2,    1259.2,        0.0);          ( 401468.9,
3781788.8,     363.2,    1259.2,        0.0);
     ( 401488.9, 3781788.8,     362.5,    1259.2,        0.0);          ( 401508.9,
3781788.8,     361.0,    1259.2,        0.0);
     ( 401528.9, 3781788.8,     358.4,    1259.2,        0.0);          ( 401548.9,
3781788.8,     356.8,    1259.2,        0.0);
     ( 401568.9, 3781788.8,     356.0,    1259.2,        0.0);          ( 401588.9,
3781788.8,     356.3,    1259.2,        0.0);
     ( 401608.9, 3781788.8,     356.5,    1259.2,        0.0);          ( 401628.9,
3781788.8,     356.9,    1259.2,        0.0);
     ( 401648.9, 3781788.8,     357.1,    1259.2,        0.0);          ( 401668.9,
3781788.8,     357.7,    1259.2,        0.0);
     ( 401688.9, 3781788.8,     359.2,    1259.2,        0.0);          ( 401708.9,
3781788.8,     359.9,    1259.2,        0.0);
     ( 401728.9, 3781788.8,     360.1,    1259.2,        0.0);          ( 401748.9,
3781788.8,     361.6,    1259.2,        0.0);
     ( 401768.9, 3781788.8,     358.9,    1259.2,        0.0);          ( 401788.9,
3781788.8,     358.3,    1259.2,        0.0);
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( 402068.9, 3781788.8,     359.0,    1259.2,        0.0);          ( 402088.9,
3781788.8,     357.7,    1259.2,        0.0);
( 402108.9, 3781788.8,     353.7,    1259.2,        0.0);          ( 402128.9,
3781788.8,     346.1,    1259.2,        0.0);
( 402148.9, 3781788.8,     344.9,    1259.2,        0.0);          ( 402168.9,
3781788.8,     345.0,    1259.2,        0.0);
( 402188.9, 3781788.8,     345.3,    1259.2,        0.0);          ( 402208.9,
3781788.8,     351.9,    1259.2,        0.0);
( 402228.9, 3781788.8,     364.3,    1259.2,        0.0);          ( 402248.9,
3781788.8,     363.1,    1259.2,        0.0);
( 402268.9, 3781788.8,     364.6,    1259.2,        0.0);          ( 402288.9,
3781788.8,     367.7,    1259.2,        0.0);
( 402308.9, 3781788.8,     369.1,    1259.2,        0.0);          ( 402328.9,
3781788.8,     370.3,    1259.2,        0.0);
( 402348.9, 3781788.8,     370.3,    1259.2,        0.0);          ( 402368.9,
3781788.8,     362.4,    1259.2,        0.0);
( 402388.9, 3781788.8,     358.9,    1259.2,        0.0);          ( 402408.9,
3781788.8,     358.8,    1259.2,        0.0);
( 402428.9, 3781788.8,     358.7,    1259.2,        0.0);          ( 402448.9,
3781788.8,     357.8,    1259.2,        0.0);
( 402468.9, 3781788.8,     357.3,    1259.2,        0.0);          ( 402488.9,
3781788.8,     358.5,    1259.2,        0.0);
( 402508.9, 3781788.8,     358.9,    1259.2,        0.0);          ( 401308.9,
3781808.8,     370.8,    1259.2,        0.0);
( 401328.9, 3781808.8,     370.7,    1259.2,        0.0);          ( 401348.9,
3781808.8,     370.1,    1259.2,        0.0);
( 401368.9, 3781808.8,     369.5,    1259.2,        0.0);          ( 401388.9,
3781808.8,     369.0,    1259.2,        0.0);
( 401408.9, 3781808.8,     368.3,    1259.2,        0.0);          ( 401428.9,
3781808.8,     367.3,    1259.2,        0.0);
( 401448.9, 3781808.8,     366.0,    1259.2,        0.0);          ( 401468.9,
3781808.8,     365.0,    1259.2,        0.0);
( 401488.9, 3781808.8,     364.2,    1259.2,        0.0);          ( 401508.9,
3781808.8,     362.9,    1259.2,        0.0);
( 401528.9, 3781808.8,     359.9,    1259.2,        0.0);          ( 401548.9,
3781808.8,     358.4,    1259.2,        0.0);
( 401568.9, 3781808.8,     358.4,    1259.2,        0.0);          ( 401588.9,
3781808.8,     358.4,    1259.2,        0.0);
( 401608.9, 3781808.8,     358.5,    1259.2,        0.0);          ( 401628.9,
3781808.8,     359.4,    1259.2,        0.0);
( 401648.9, 3781808.8,     362.7,    1259.2,        0.0);          ( 401668.9,
3781808.8,     364.2,    1259.2,        0.0);
( 401688.9, 3781808.8,     364.4,    1259.2,        0.0);          ( 401708.9,
3781808.8,     364.1,    1259.2,        0.0);
( 401728.9, 3781808.8,     364.0,    1259.2,        0.0);          ( 401748.9,
3781808.8,     363.7,    1259.2,        0.0);
( 401768.9, 3781808.8,     363.6,    1259.2,        0.0);          ( 401788.9,
3781808.8,     361.0,    1259.2,        0.0);
( 402068.9, 3781808.8,     360.6,    1259.2,        0.0);          ( 402088.9,
3781808.8,     360.4,    1259.2,        0.0);
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     ( 402108.9, 3781808.8,      355.6,     1259.2,        0.0);          ( 402128.9,
3781808.8,      351.4,     1259.2,        0.0);
     ( 402148.9, 3781808.8,      345.7,     1259.2,        0.0);          ( 402168.9,
3781808.8,      345.7,     1259.2,        0.0);
     ( 402188.9, 3781808.8,      345.6,     1259.2,        0.0);          ( 402208.9,
3781808.8,      352.9,     1259.2,        0.0);
     ( 402228.9, 3781808.8,      365.1,     1259.2,        0.0);          ( 402248.9,
3781808.8,      367.5,     1259.2,        0.0);
     ( 402268.9, 3781808.8,      366.3,     1259.2,        0.0);          ( 402288.9,
3781808.8,      369.8,     1259.2,        0.0);
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

                      PAGE 100
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                      *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                             (METERS)

```
     ( 402308.9, 3781808.8,      371.2,     1259.2,        0.0);          ( 402328.9,
3781808.8,      372.1,     1259.2,        0.0);
     ( 402348.9, 3781808.8,      371.9,     1259.2,        0.0);          ( 402368.9,
3781808.8,      362.6,     1259.2,        0.0);
     ( 402388.9, 3781808.8,      359.2,     1259.2,        0.0);          ( 402408.9,
3781808.8,      359.3,     1259.2,        0.0);
     ( 402428.9, 3781808.8,      359.8,     1259.2,        0.0);          ( 402448.9,
3781808.8,      359.8,     1259.2,        0.0);
     ( 402468.9, 3781808.8,      359.1,     1259.2,        0.0);          ( 402488.9,
3781808.8,      360.8,     1259.2,        0.0);
     ( 402508.9, 3781808.8,      361.2,     1259.2,        0.0);          ( 401308.9,
3781828.8,      371.4,     1259.2,        0.0);
     ( 401328.9, 3781828.8,      370.9,     1259.2,        0.0);          ( 401348.9,
3781828.8,      370.3,     1259.2,        0.0);
     ( 401368.9, 3781828.8,      369.8,     1259.2,        0.0);          ( 401388.9,
3781828.8,      369.2,     1259.2,        0.0);
     ( 401408.9, 3781828.8,      368.7,     1259.2,        0.0);          ( 401428.9,
3781828.8,      368.0,     1259.2,        0.0);
     ( 401448.9, 3781828.8,      366.8,     1259.2,        0.0);          ( 401468.9,
3781828.8,      365.6,     1259.2,        0.0);
     ( 401488.9, 3781828.8,      364.4,     1259.2,        0.0);          ( 401508.9,
3781828.8,      363.0,     1259.2,        0.0);
     ( 401528.9, 3781828.8,      361.4,     1259.2,        0.0);          ( 401548.9,
3781828.8,      360.1,     1259.2,        0.0);
     ( 401568.9, 3781828.8,      359.5,     1259.2,        0.0);          ( 401588.9,
3781828.8,      360.2,     1259.2,        0.0);
     ( 401608.9, 3781828.8,      363.1,     1259.2,        0.0);          ( 401628.9,
3781828.8,      365.1,     1259.2,        0.0);
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(401648.9, 3781828.8,   364.9,   1259.2,   0.0);   (401668.9,
3781828.8,   364.6,   1259.2,   0.0);
(401688.9, 3781828.8,   364.3,   1259.2,   0.0);   (401708.9,
3781828.8,   364.1,   1259.2,   0.0);
(401728.9, 3781828.8,   364.3,   1259.2,   0.0);   (401748.9,
3781828.8,   363.6,   1259.2,   0.0);
(401768.9, 3781828.8,   364.4,   1259.2,   0.0);   (401788.9,
3781828.8,   363.5,   1259.2,   0.0);
(402068.9, 3781828.8,   362.8,   1259.2,   0.0);   (402088.9,
3781828.8,   362.4,   1259.2,   0.0);
(402108.9, 3781828.8,   358.7,   1259.2,   0.0);   (402128.9,
3781828.8,   355.7,   1259.2,   0.0);
(402148.9, 3781828.8,   349.6,   1259.2,   0.0);   (402168.9,
3781828.8,   347.5,   1259.2,   0.0);
(402188.9, 3781828.8,   347.2,   1259.2,   0.0);   (402208.9,
3781828.8,   352.5,   1259.2,   0.0);
(402228.9, 3781828.8,   367.5,   1259.2,   0.0);   (402248.9,
3781828.8,   368.9,   1259.2,   0.0);
(402268.9, 3781828.8,   369.3,   1259.2,   0.0);   (402288.9,
3781828.8,   371.1,   1259.2,   0.0);
(402308.9, 3781828.8,   373.1,   1259.2,   0.0);   (402328.9,
3781828.8,   374.7,   1259.2,   0.0);
(402348.9, 3781828.8,   375.2,   1259.2,   0.0);   (402368.9,
3781828.8,   369.1,   1259.2,   0.0);
(402388.9, 3781828.8,   361.4,   1259.2,   0.0);   (402408.9,
3781828.8,   360.7,   1259.2,   0.0);
(402428.9, 3781828.8,   362.3,   1259.2,   0.0);   (402448.9,
3781828.8,   362.4,   1259.2,   0.0);
(402468.9, 3781828.8,   361.5,   1259.2,   0.0);   (402488.9,
3781828.8,   362.8,   1259.2,   0.0);
(402508.9, 3781828.8,   362.9,   1259.2,   0.0);   (401308.9,
3781848.8,   373.0,   1259.2,   0.0);
(401328.9, 3781848.8,   372.6,   1259.2,   0.0);   (401348.9,
3781848.8,   372.0,   1259.2,   0.0);
(401368.9, 3781848.8,   371.5,   1259.2,   0.0);   (401388.9,
3781848.8,   370.8,   1259.2,   0.0);
(401408.9, 3781848.8,   370.2,   1259.2,   0.0);   (401428.9,
3781848.8,   369.4,   1259.2,   0.0);
(401448.9, 3781848.8,   368.4,   1259.2,   0.0);   (401468.9,
3781848.8,   367.7,   1259.2,   0.0);
(401488.9, 3781848.8,   365.9,   1259.2,   0.0);   (401508.9,
3781848.8,   365.1,   1259.2,   0.0);
(401528.9, 3781848.8,   363.5,   1259.2,   0.0);   (401548.9,
3781848.8,   361.9,   1259.2,   0.0);
(401568.9, 3781848.8,   363.3,   1259.2,   0.0);   (401588.9,
3781848.8,   365.5,   1259.2,   0.0);
(401608.9, 3781848.8,   365.7,   1259.2,   0.0);   (401628.9,
3781848.8,   365.3,   1259.2,   0.0);
(401648.9, 3781848.8,   364.9,   1259.2,   0.0);   (401668.9,
3781848.8,   365.1,   1259.2,   0.0);

(401688.9, 3781848.8,   365.5,   1259.2,   0.0);   (401708.9,
3781848.8,   365.1,   1259.2,   0.0);
         (401728.9, 3781848.8,   364.7,   1259.2,   0.0);   (401748.9,
3781848.8,   364.9,   1259.2,   0.0);
         (401768.9, 3781848.8,   365.7,   1259.2,   0.0);   (401788.9,
3781848.8,   366.2,   1259.2,   0.0);
         (401908.9, 3781848.8,   365.4,   1259.2,   0.0);   (401928.9,
3781848.8,   366.4,   1259.2,   0.0);
         (401948.9, 3781848.8,   367.6,   1259.2,   0.0);   (401968.9,
3781848.8,   367.9,   1259.2,   0.0);
         (401988.9, 3781848.8,   367.7,   1259.2,   0.0);   (402008.9,
3781848.8,   367.5,   1259.2,   0.0);

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 101
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                            (METERS)

         (402028.9, 3781848.8,   367.5,   1259.2,   0.0);   (402048.9,
3781848.8,   366.0,   1259.2,   0.0);
         (402068.9, 3781848.8,   365.8,   1259.2,   0.0);   (402088.9,
3781848.8,   364.5,   1259.2,   0.0);
         (402108.9, 3781848.8,   364.3,   1259.2,   0.0);   (402128.9,
3781848.8,   359.0,   1259.2,   0.0);
         (402148.9, 3781848.8,   357.0,   1259.2,   0.0);   (402168.9,
3781848.8,   350.3,   1259.2,   0.0);
         (402188.9, 3781848.8,   349.1,   1259.2,   0.0);   (402208.9,
3781848.8,   351.2,   1259.2,   0.0);
         (402228.9, 3781848.8,   358.8,   1259.2,   0.0);   (402248.9,
3781848.8,   367.8,   1259.2,   0.0);
         (402268.9, 3781848.8,   372.1,   1259.2,   0.0);   (402288.9,
3781848.8,   373.1,   1259.2,   0.0);
         (402308.9, 3781848.8,   375.4,   1259.2,   0.0);   (402328.9,
3781848.8,   376.1,   1259.2,   0.0);
         (402348.9, 3781848.8,   376.1,   1259.2,   0.0);   (402368.9,
3781848.8,   368.5,   1259.2,   0.0);
         (402388.9, 3781848.8,   362.6,   1259.2,   0.0);   (402408.9,
3781848.8,   362.7,   1259.2,   0.0);
         (402428.9, 3781848.8,   364.3,   1259.2,   0.0);   (402448.9,
3781848.8,   364.2,   1259.2,   0.0);
         (402468.9, 3781848.8,   364.1,   1259.2,   0.0);   (402488.9,
3781848.8,   364.7,   1259.2,   0.0);
         (402508.9, 3781848.8,   364.9,   1259.2,   0.0);   (401308.9,
3781868.8,   374.3,   1259.2,   0.0);

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( 401328.9, 3781868.8,      374.4,    1259.2,         0.0);        ( 401348.9,
3781868.8,      373.8,    1259.2,         0.0);
    ( 401368.9, 3781868.8,      373.2,    1259.2,         0.0);        ( 401388.9,
3781868.8,      372.5,    1259.2,         0.0);
    ( 401408.9, 3781868.8,      372.0,    1259.2,         0.0);        ( 401428.9,
3781868.8,      371.9,    1259.2,         0.0);
    ( 401448.9, 3781868.8,      370.8,    1259.2,         0.0);        ( 401468.9,
3781868.8,      369.9,    1259.2,         0.0);
    ( 401488.9, 3781868.8,      367.7,    1259.2,         0.0);        ( 401508.9,
3781868.8,      366.1,    1259.2,         0.0);
    ( 401528.9, 3781868.8,      364.8,    1259.2,         0.0);        ( 401548.9,
3781868.8,      363.6,    1259.2,         0.0);
    ( 401568.9, 3781868.8,      365.3,    1259.2,         0.0);        ( 401588.9,
3781868.8,      365.8,    1259.2,         0.0);
    ( 401608.9, 3781868.8,      365.6,    1259.2,         0.0);        ( 401628.9,
3781868.8,      365.7,    1259.2,         0.0);
    ( 401648.9, 3781868.8,      366.0,    1259.2,         0.0);        ( 401668.9,
3781868.8,      366.1,    1259.2,         0.0);
    ( 401688.9, 3781868.8,      366.4,    1259.2,         0.0);        ( 401708.9,
3781868.8,      369.6,    1259.2,         0.0);
    ( 401728.9, 3781868.8,      367.5,    1259.2,         0.0);        ( 401748.9,
3781868.8,      368.8,    1259.2,         0.0);
    ( 401768.9, 3781868.8,      369.4,    1259.2,         0.0);        ( 401788.9,
3781868.8,      369.4,    1259.2,         0.0);
    ( 401888.9, 3781868.8,      366.4,    1259.2,         0.0);        ( 401908.9,
3781868.8,      368.3,    1259.2,         0.0);
    ( 401928.9, 3781868.8,      368.7,    1259.2,         0.0);        ( 401948.9,
3781868.8,      369.4,    1259.2,         0.0);
    ( 401968.9, 3781868.8,      369.5,    1259.2,         0.0);        ( 401988.9,
3781868.8,      369.6,    1259.2,         0.0);
    ( 402008.9, 3781868.8,      368.4,    1259.2,         0.0);        ( 402028.9,
3781868.8,      368.7,    1259.2,         0.0);
    ( 402048.9, 3781868.8,      368.7,    1259.2,         0.0);        ( 402068.9,
3781868.8,      367.0,    1259.2,         0.0);
    ( 402088.9, 3781868.8,      367.2,    1259.2,         0.0);        ( 402108.9,
3781868.8,      367.0,    1259.2,         0.0);
    ( 402128.9, 3781868.8,      360.5,    1259.2,         0.0);        ( 402148.9,
3781868.8,      359.7,    1259.2,         0.0);
    ( 402168.9, 3781868.8,      358.7,    1259.2,         0.0);        ( 402188.9,
3781868.8,      357.0,    1259.2,         0.0);
    ( 402208.9, 3781868.8,      353.8,    1259.2,         0.0);        ( 402228.9,
3781868.8,      359.1,    1259.2,         0.0);
    ( 402248.9, 3781868.8,      366.2,    1259.2,         0.0);        ( 402268.9,
3781868.8,      373.6,    1259.2,         0.0);
    ( 402288.9, 3781868.8,      375.6,    1259.2,         0.0);        ( 402308.9,
3781868.8,      377.4,    1259.2,         0.0);
    ( 402328.9, 3781868.8,      378.7,    1259.2,         0.0);        ( 402348.9,
3781868.8,      378.3,    1259.2,         0.0);
    ( 402368.9, 3781868.8,      368.3,    1259.2,         0.0);        ( 402388.9,
3781868.8,      365.1,    1259.2,         0.0);
```

(402408.9, 3781868.8,   366.4,   1259.2,   0.0);   (402428.9,
3781868.8,   367.2,   1259.2,   0.0);
     (402448.9, 3781868.8,   367.1,   1259.2,   0.0);   (402468.9,
3781868.8,   366.7,   1259.2,   0.0);
     (402488.9, 3781868.8,   367.9,   1259.2,   0.0);   (402508.9,
3781868.8,   368.2,   1259.2,   0.0);
     (401308.9, 3781888.8,   378.5,   1259.2,   0.0);   (401328.9,
3781888.8,   378.6,   1259.2,   0.0);
     (401348.9, 3781888.8,   378.3,   1259.2,   0.0);   (401368.9,
3781888.8,   378.1,   1259.2,   0.0);
     (401388.9, 3781888.8,   377.8,   1259.2,   0.0);   (401408.9,
3781888.8,   377.2,   1259.2,   0.0);
     (401428.9, 3781888.8,   376.5,   1259.2,   0.0);   (401448.9,
3781888.8,   375.3,   1259.2,   0.0);

⬧ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                    PAGE 102
 *** MODELOPTs: RegDFAULT CONC ELEV   URBAN   ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                               (METERS)

     (401468.9, 3781888.8,   374.3,   1259.2,   0.0);   (401488.9,
3781888.8,   370.8,   1259.2,   0.0);
     (401508.9, 3781888.8,   369.6,   1259.2,   0.0);   (401528.9,
3781888.8,   366.9,   1259.2,   0.0);
     (401548.9, 3781888.8,   365.4,   1259.2,   0.0);   (401568.9,
3781888.8,   365.9,   1259.2,   0.0);
     (401588.9, 3781888.8,   366.0,   1259.2,   0.0);   (401608.9,
3781888.8,   366.5,   1259.2,   0.0);
     (401628.9, 3781888.8,   366.6,   1259.2,   0.0);   (401648.9,
3781888.8,   366.8,   1259.2,   0.0);
     (401668.9, 3781888.8,   369.7,   1259.2,   0.0);   (401688.9,
3781888.8,   373.2,   1259.2,   0.0);
     (401708.9, 3781888.8,   373.7,   1259.2,   0.0);   (401728.9,
3781888.8,   372.2,   1259.2,   0.0);
     (401748.9, 3781888.8,   369.7,   1259.2,   0.0);   (401768.9,
3781888.8,   372.1,   1259.2,   0.0);
     (401788.9, 3781888.8,   372.2,   1259.2,   0.0);   (401808.9,
3781888.8,   372.9,   1259.2,   0.0);
     (401828.9, 3781888.8,   370.7,   1259.2,   0.0);   (401848.9,
3781888.8,   369.1,   1259.2,   0.0);
     (401868.9, 3781888.8,   368.4,   1259.2,   0.0);   (401888.9,
3781888.8,   369.1,   1259.2,   0.0);
     (401908.9, 3781888.8,   370.3,   1259.2,   0.0);   (401928.9,
3781888.8,   371.1,   1259.2,   0.0);

```
( 401948.9, 3781888.8,     372.2,    1259.2,        0.0);        ( 401968.9,
3781888.8,     373.9,    1259.2,        0.0);
( 401988.9, 3781888.8,     373.4,    1259.2,        0.0);        ( 402008.9,
3781888.8,     370.7,    1259.2,        0.0);
( 402028.9, 3781888.8,     370.6,    1259.2,        0.0);        ( 402048.9,
3781888.8,     371.6,    1259.2,        0.0);
( 402068.9, 3781888.8,     370.3,    1259.2,        0.0);        ( 402088.9,
3781888.8,     369.7,    1259.2,        0.0);
( 402108.9, 3781888.8,     368.8,    1259.2,        0.0);        ( 402128.9,
3781888.8,     368.8,    1259.2,        0.0);
( 402148.9, 3781888.8,     363.4,    1259.2,        0.0);        ( 402168.9,
3781888.8,     360.9,    1259.2,        0.0);
( 402188.9, 3781888.8,     360.4,    1259.2,        0.0);        ( 402208.9,
3781888.8,     358.0,    1259.2,        0.0);
( 402228.9, 3781888.8,     357.9,    1259.2,        0.0);        ( 402248.9,
3781888.8,     366.9,    1259.2,        0.0);
( 402268.9, 3781888.8,     376.5,    1259.2,        0.0);        ( 402288.9,
3781888.8,     378.0,    1259.2,        0.0);
( 402308.9, 3781888.8,     378.8,    1259.2,        0.0);        ( 402328.9,
3781888.8,     379.2,    1259.2,        0.0);
( 402348.9, 3781888.8,     375.8,    1259.2,        0.0);        ( 402368.9,
3781888.8,     367.8,    1259.2,        0.0);
( 402388.9, 3781888.8,     366.8,    1259.2,        0.0);        ( 402408.9,
3781888.8,     368.9,    1259.2,        0.0);
( 402428.9, 3781888.8,     370.3,    1259.2,        0.0);        ( 402448.9,
3781888.8,     370.2,    1259.2,        0.0);
( 402468.9, 3781888.8,     369.2,    1259.2,        0.0);        ( 402488.9,
3781888.8,     369.3,    1259.2,        0.0);
( 402508.9, 3781888.8,     369.6,    1259.2,        0.0);        ( 401308.9,
3781908.8,     378.5,    1259.2,        0.0);
( 401328.9, 3781908.8,     378.3,    1259.2,        0.0);        ( 401348.9,
3781908.8,     378.1,    1259.2,        0.0);
( 401368.9, 3781908.8,     377.8,    1259.2,        0.0);        ( 401388.9,
3781908.8,     377.6,    1259.2,        0.0);
( 401408.9, 3781908.8,     377.4,    1259.2,        0.0);        ( 401428.9,
3781908.8,     377.0,    1259.2,        0.0);
( 401448.9, 3781908.8,     376.1,    1259.2,        0.0);        ( 401468.9,
3781908.8,     374.6,    1259.2,        0.0);
( 401488.9, 3781908.8,     372.7,    1259.2,        0.0);        ( 401508.9,
3781908.8,     370.3,    1259.2,        0.0);
( 401528.9, 3781908.8,     368.3,    1259.2,        0.0);        ( 401548.9,
3781908.8,     367.9,    1259.2,        0.0);
( 401568.9, 3781908.8,     368.1,    1259.2,        0.0);        ( 401588.9,
3781908.8,     367.2,    1259.2,        0.0);
( 401608.9, 3781908.8,     367.3,    1259.2,        0.0);        ( 401628.9,
3781908.8,     369.6,    1259.2,        0.0);
( 401648.9, 3781908.8,     373.5,    1259.2,        0.0);        ( 401668.9,
3781908.8,     374.2,    1259.2,        0.0);
( 401688.9, 3781908.8,     373.8,    1259.2,        0.0);        ( 401708.9,
3781908.8,     373.5,    1259.2,        0.0);
```

```
       ( 401728.9, 3781908.8,      373.3,     1259.2,        0.0);         ( 401748.9,
3781908.8,       372.5,    1259.2,        0.0);
       ( 401768.9, 3781908.8,      374.0,     1259.2,        0.0);         ( 401788.9,
3781908.8,       374.8,    1259.2,        0.0);
       ( 401808.9, 3781908.8,      374.8,     1259.2,        0.0);         ( 401828.9,
3781908.8,       373.3,    1259.2,        0.0);
       ( 401848.9, 3781908.8,      372.9,     1259.2,        0.0);         ( 401868.9,
3781908.8,       371.1,    1259.2,        0.0);
       ( 401888.9, 3781908.8,      371.7,     1259.2,        0.0);         ( 401908.9,
3781908.8,       372.3,    1259.2,        0.0);
       ( 401928.9, 3781908.8,      374.1,     1259.2,        0.0);         ( 401948.9,
3781908.8,       375.2,    1259.2,        0.0);
       ( 401968.9, 3781908.8,      376.1,     1259.2,        0.0);         ( 401988.9,
3781908.8,       375.9,    1259.2,        0.0);
       ( 402008.9, 3781908.8,      375.7,     1259.2,        0.0);         ( 402028.9,
3781908.8,       374.9,    1259.2,        0.0);
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                           PAGE 103
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

```
       ( 402048.9, 3781908.8,      374.5,     1259.2,        0.0);         ( 402068.9,
3781908.8,       373.2,    1259.2,        0.0);
       ( 402088.9, 3781908.8,      372.3,     1259.2,        0.0);         ( 402108.9,
3781908.8,       371.3,    1259.2,        0.0);
       ( 402128.9, 3781908.8,      371.4,     1259.2,        0.0);         ( 402148.9,
3781908.8,       367.6,    1259.2,        0.0);
       ( 402168.9, 3781908.8,      362.7,     1259.2,        0.0);         ( 402188.9,
3781908.8,       363.8,    1259.2,        0.0);
       ( 402208.9, 3781908.8,      360.9,     1259.2,        0.0);         ( 402228.9,
3781908.8,       360.4,    1259.2,        0.0);
       ( 402248.9, 3781908.8,      364.8,     1259.2,        0.0);         ( 402268.9,
3781908.8,       376.9,    1259.2,        0.0);
       ( 402288.9, 3781908.8,      380.7,     1259.2,        0.0);         ( 402308.9,
3781908.8,       380.7,    1259.2,        0.0);
       ( 402328.9, 3781908.8,      380.6,     1259.2,        0.0);         ( 402348.9,
3781908.8,       378.5,    1259.2,        0.0);
       ( 402368.9, 3781908.8,      377.5,     1259.2,        0.0);         ( 402388.9,
3781908.8,       372.5,    1259.2,        0.0);
       ( 402408.9, 3781908.8,      370.4,     1259.2,        0.0);         ( 402428.9,
3781908.8,       370.9,    1259.2,        0.0);
       ( 402448.9, 3781908.8,      371.0,     1259.2,        0.0);         ( 402468.9,
3781908.8,       371.8,    1259.2,        0.0);
```

(402488.9, 3781908.8,   371.9,   1259.2,   0.0);   (402508.9,
3781908.8,   372.1,   1259.2,   0.0);
(401308.9, 3781928.8,   380.4,   1259.2,   0.0);   (401328.9,
3781928.8,   380.0,   1259.2,   0.0);
(401348.9, 3781928.8,   379.7,   1259.2,   0.0);   (401368.9,
3781928.8,   379.2,   1259.2,   0.0);
(401388.9, 3781928.8,   379.1,   1259.2,   0.0);   (401408.9,
3781928.8,   379.1,   1259.2,   0.0);
(401428.9, 3781928.8,   378.5,   1259.2,   0.0);   (401448.9,
3781928.8,   378.2,   1259.2,   0.0);
(401468.9, 3781928.8,   375.9,   1259.2,   0.0);   (401488.9,
3781928.8,   374.1,   1259.2,   0.0);
(401508.9, 3781928.8,   371.4,   1259.2,   0.0);   (401528.9,
3781928.8,   371.0,   1259.2,   0.0);
(401548.9, 3781928.8,   368.5,   1259.2,   0.0);   (401568.9,
3781928.8,   369.0,   1259.2,   0.0);
(401588.9, 3781928.8,   370.6,   1259.2,   0.0);   (401608.9,
3781928.8,   373.9,   1259.2,   0.0);
(401628.9, 3781928.8,   374.8,   1259.2,   0.0);   (401648.9,
3781928.8,   374.3,   1259.2,   0.0);
(401668.9, 3781928.8,   373.9,   1259.2,   0.0);   (401688.9,
3781928.8,   373.5,   1259.2,   0.0);
(401708.9, 3781928.8,   374.0,   1259.2,   0.0);   (401728.9,
3781928.8,   374.7,   1259.2,   0.0);
(401748.9, 3781928.8,   375.5,   1259.2,   0.0);   (401768.9,
3781928.8,   378.0,   1259.2,   0.0);
(401788.9, 3781928.8,   377.9,   1259.2,   0.0);   (401808.9,
3781928.8,   376.8,   1259.2,   0.0);
(401828.9, 3781928.8,   374.4,   1259.2,   0.0);   (401848.9,
3781928.8,   374.2,   1259.2,   0.0);
(401868.9, 3781928.8,   373.9,   1259.2,   0.0);   (401888.9,
3781928.8,   374.8,   1259.2,   0.0);
(401908.9, 3781928.8,   375.8,   1259.2,   0.0);   (401928.9,
3781928.8,   376.5,   1259.2,   0.0);
(401948.9, 3781928.8,   378.1,   1259.2,   0.0);   (401968.9,
3781928.8,   379.4,   1259.2,   0.0);
(401988.9, 3781928.8,   380.0,   1259.2,   0.0);   (402008.9,
3781928.8,   379.1,   1259.2,   0.0);
(402028.9, 3781928.8,   378.3,   1259.2,   0.0);   (402048.9,
3781928.8,   377.6,   1259.2,   0.0);
(402068.9, 3781928.8,   375.7,   1259.2,   0.0);   (402088.9,
3781928.8,   374.8,   1259.2,   0.0);
(402108.9, 3781928.8,   373.6,   1259.2,   0.0);   (402128.9,
3781928.8,   373.3,   1259.2,   0.0);
(402148.9, 3781928.8,   371.5,   1259.2,   0.0);   (402168.9,
3781928.8,   365.3,   1259.2,   0.0);
(402188.9, 3781928.8,   364.4,   1259.2,   0.0);   (402208.9,
3781928.8,   361.4,   1259.2,   0.0);
(402228.9, 3781928.8,   365.1,   1259.2,   0.0);   (402248.9,
3781928.8,   365.9,   1259.2,   0.0);

```
     ( 402268.9, 3781928.8,      377.4,     1259.2,        0.0);        ( 402288.9,
3781928.8,      381.9,    1259.2,       0.0);
     ( 402308.9, 3781928.8,      382.3,     1259.2,        0.0);        ( 402328.9,
3781928.8,      384.1,    1259.2,       0.0);
     ( 402348.9, 3781928.8,      385.1,     1259.2,        0.0);        ( 402368.9,
3781928.8,      386.4,    1259.2,       0.0);
     ( 402388.9, 3781928.8,      380.1,     1259.2,        0.0);        ( 402408.9,
3781928.8,      373.2,    1259.2,       0.0);
     ( 402428.9, 3781928.8,      373.7,     1259.2,        0.0);        ( 402448.9,
3781928.8,      373.7,    1259.2,       0.0);
     ( 402468.9, 3781928.8,      374.3,     1259.2,        0.0);        ( 402488.9,
3781928.8,      374.6,    1259.2,       0.0);
     ( 402508.9, 3781928.8,      374.8,     1259.2,        0.0);        ( 401308.9,
3781948.8,      380.6,    1259.2,       0.0);
     ( 401328.9, 3781948.8,      380.1,     1259.2,        0.0);        ( 401348.9,
3781948.8,      379.8,    1259.2,       0.0);
     ( 401368.9, 3781948.8,      379.5,     1259.2,        0.0);        ( 401388.9,
3781948.8,      379.4,    1259.2,       0.0);
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                    ***   05:36:20

                    PAGE 104
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** DISCRETE CARTESIAN RECEPTORS ***
                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                          (METERS)

```
     ( 401408.9, 3781948.8,      379.3,     1259.2,        0.0);        ( 401428.9,
3781948.8,      378.9,    1259.2,       0.0);
     ( 401448.9, 3781948.8,      379.1,     1259.2,        0.0);        ( 401468.9,
3781948.8,      378.5,    1259.2,       0.0);
     ( 401488.9, 3781948.8,      377.2,     1259.2,        0.0);        ( 401508.9,
3781948.8,      373.2,    1259.2,       0.0);
     ( 401528.9, 3781948.8,      370.5,     1259.2,        0.0);        ( 401548.9,
3781948.8,      373.2,    1259.2,       0.0);
     ( 401568.9, 3781948.8,      376.9,     1259.2,        0.0);        ( 401588.9,
3781948.8,      375.6,    1259.2,       0.0);
     ( 401608.9, 3781948.8,      375.4,     1259.2,        0.0);        ( 401628.9,
3781948.8,      374.6,    1259.2,       0.0);
     ( 401648.9, 3781948.8,      374.0,     1259.2,        0.0);        ( 401668.9,
3781948.8,      374.2,    1259.2,       0.0);
     ( 401688.9, 3781948.8,      375.1,     1259.2,        0.0);        ( 401708.9,
3781948.8,      375.7,    1259.2,       0.0);
     ( 401728.9, 3781948.8,      375.7,     1259.2,        0.0);        ( 401748.9,
3781948.8,      378.6,    1259.2,       0.0);
     ( 401768.9, 3781948.8,      380.2,     1259.2,        0.0);        ( 401788.9,
3781948.8,      380.7,    1259.2,       0.0);
```

```
      ( 401808.9, 3781948.8,      377.8,    1259.2,        0.0);        ( 401828.9,
3781948.8,     375.4,    1259.2,       0.0);
      ( 401848.9, 3781948.8,      375.3,    1259.2,        0.0);        ( 401868.9,
3781948.8,     376.4,    1259.2,       0.0);
      ( 401888.9, 3781948.8,      377.4,    1259.2,        0.0);        ( 401908.9,
3781948.8,     378.6,    1259.2,       0.0);
      ( 401928.9, 3781948.8,      379.6,    1259.2,        0.0);        ( 401948.9,
3781948.8,     381.2,    1259.2,       0.0);
      ( 401968.9, 3781948.8,      383.3,    1259.2,        0.0);        ( 401988.9,
3781948.8,     384.3,    1259.2,       0.0);
      ( 402008.9, 3781948.8,      382.8,    1259.2,        0.0);        ( 402028.9,
3781948.8,     381.4,    1259.2,       0.0);
      ( 402048.9, 3781948.8,      380.8,    1259.2,        0.0);        ( 402068.9,
3781948.8,     378.3,    1259.2,       0.0);
      ( 402088.9, 3781948.8,      377.4,    1259.2,        0.0);        ( 402108.9,
3781948.8,     375.9,    1259.2,       0.0);
      ( 402128.9, 3781948.8,      375.9,    1259.2,        0.0);        ( 402148.9,
3781948.8,     376.0,    1259.2,       0.0);
      ( 402168.9, 3781948.8,      367.1,    1259.2,        0.0);        ( 402188.9,
3781948.8,     364.9,    1259.2,       0.0);
      ( 402208.9, 3781948.8,      365.0,    1259.2,        0.0);        ( 402228.9,
3781948.8,     366.9,    1259.2,       0.0);
      ( 402248.9, 3781948.8,      367.2,    1259.2,        0.0);        ( 402268.9,
3781948.8,     374.3,    1259.2,       0.0);
      ( 402288.9, 3781948.8,      379.8,    1259.2,        0.0);        ( 402308.9,
3781948.8,     383.1,    1259.2,       0.0);
      ( 402328.9, 3781948.8,      385.4,    1259.2,        0.0);        ( 402348.9,
3781948.8,     386.7,    1259.2,       0.0);
      ( 402368.9, 3781948.8,      389.3,    1259.2,        0.0);        ( 402388.9,
3781948.8,     386.0,    1259.2,       0.0);
      ( 402408.9, 3781948.8,      376.2,    1259.2,        0.0);        ( 402428.9,
3781948.8,     376.2,    1259.2,       0.0);
      ( 402448.9, 3781948.8,      376.4,    1259.2,        0.0);        ( 402468.9,
3781948.8,     376.8,    1259.2,       0.0);
      ( 402488.9, 3781948.8,      377.8,    1259.2,        0.0);        ( 402508.9,
3781948.8,     378.1,    1259.2,       0.0);
      ( 401308.9, 3781968.8,      387.4,    1259.2,        0.0);        ( 401328.9,
3781968.8,     387.4,    1259.2,       0.0);
      ( 401348.9, 3781968.8,      387.3,    1259.2,        0.0);        ( 401368.9,
3781968.8,     387.3,    1259.2,       0.0);
      ( 401388.9, 3781968.8,      387.3,    1259.2,        0.0);        ( 401408.9,
3781968.8,     387.2,    1259.2,       0.0);
      ( 401428.9, 3781968.8,      387.1,    1259.2,        0.0);        ( 401448.9,
3781968.8,     383.4,    1259.2,       0.0);
      ( 401468.9, 3781968.8,      382.0,    1259.2,        0.0);        ( 401488.9,
3781968.8,     381.9,    1259.2,       0.0);
      ( 401508.9, 3781968.8,      374.9,    1259.2,        0.0);        ( 401528.9,
3781968.8,     375.8,    1259.2,       0.0);
      ( 401548.9, 3781968.8,      378.6,    1259.2,        0.0);        ( 401568.9,
3781968.8,     377.5,    1259.2,       0.0);
```

```
   ( 401588.9, 3781968.8,     376.9,    1259.2,        0.0);        ( 401608.9,
3781968.8,      375.7,    1259.2,        0.0);
   ( 401628.9, 3781968.8,     375.3,    1259.2,        0.0);        ( 401648.9,
3781968.8,      376.2,    1259.2,        0.0);
   ( 401668.9, 3781968.8,     375.6,    1259.2,        0.0);        ( 401688.9,
3781968.8,      376.0,    1259.2,        0.0);
   ( 401708.9, 3781968.8,     377.5,    1259.2,        0.0);        ( 401728.9,
3781968.8,      380.9,    1259.2,        0.0);
   ( 401748.9, 3781968.8,     381.6,    1259.2,        0.0);        ( 401768.9,
3781968.8,      382.6,    1259.2,        0.0);
   ( 401788.9, 3781968.8,     383.3,    1259.2,        0.0);        ( 401808.9,
3781968.8,      380.2,    1259.2,        0.0);
   ( 401828.9, 3781968.8,     376.3,    1259.2,        0.0);        ( 401848.9,
3781968.8,      376.4,    1259.2,        0.0);
   ( 401868.9, 3781968.8,     378.0,    1259.2,        0.0);        ( 401888.9,
3781968.8,      379.9,    1259.2,        0.0);
   ( 401908.9, 3781968.8,     381.6,    1259.2,        0.0);        ( 401928.9,
3781968.8,      383.4,    1259.2,        0.0);
   ( 401948.9, 3781968.8,     384.9,    1259.2,        0.0);        ( 401968.9,
3781968.8,      385.8,    1259.2,        0.0);
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                        PAGE 105
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)


```
   ( 401988.9, 3781968.8,     386.3,    1259.2,        0.0);        ( 402008.9,
3781968.8,      385.4,    1259.2,        0.0);
   ( 402028.9, 3781968.8,     384.5,    1259.2,        0.0);        ( 402048.9,
3781968.8,      383.2,    1259.2,        0.0);
   ( 402068.9, 3781968.8,     382.8,    1259.2,        0.0);        ( 402088.9,
3781968.8,      382.1,    1259.2,        0.0);
   ( 402108.9, 3781968.8,     378.8,    1259.2,        0.0);        ( 402128.9,
3781968.8,      379.0,    1259.2,        0.0);
   ( 402148.9, 3781968.8,     378.3,    1259.2,        0.0);        ( 402168.9,
3781968.8,      368.4,    1259.2,        0.0);
   ( 402188.9, 3781968.8,     366.3,    1259.2,        0.0);        ( 402208.9,
3781968.8,      369.2,    1259.2,        0.0);
   ( 402228.9, 3781968.8,     369.1,    1259.2,        0.0);        ( 402248.9,
3781968.8,      370.4,    1259.2,        0.0);
   ( 402268.9, 3781968.8,     370.0,    1259.2,        0.0);        ( 402288.9,
3781968.8,      372.7,    1259.2,        0.0);
   ( 402308.9, 3781968.8,     380.1,    1259.2,        0.0);        ( 402328.9,
3781968.8,      386.3,    1259.2,        0.0);
```

```
( 402348.9, 3781968.8,    389.4,    1259.2,       0.0);       ( 402368.9,
3781968.8,    392.3,    1259.2,       0.0);
( 402388.9, 3781968.8,    389.2,    1259.2,       0.0);       ( 402408.9,
3781968.8,    378.7,    1259.2,       0.0);
( 402428.9, 3781968.8,    378.9,    1259.2,       0.0);       ( 402448.9,
3781968.8,    379.2,    1259.2,       0.0);
( 402468.9, 3781968.8,    379.4,    1259.2,       0.0);       ( 402488.9,
3781968.8,    378.8,    1259.2,       0.0);
( 402508.9, 3781968.8,    379.5,    1259.2,       0.0);       ( 401308.9,
3781988.8,    388.3,    1259.2,       0.0);
( 401328.9, 3781988.8,    388.3,    1259.2,       0.0);       ( 401348.9,
3781988.8,    388.2,    1259.2,       0.0);
( 401368.9, 3781988.8,    387.9,    1259.2,       0.0);       ( 401388.9,
3781988.8,    387.8,    1259.2,       0.0);
( 401408.9, 3781988.8,    387.7,    1259.2,       0.0);       ( 401428.9,
3781988.8,    386.9,    1259.2,       0.0);
( 401448.9, 3781988.8,    385.4,    1259.2,       0.0);       ( 401468.9,
3781988.8,    386.1,    1259.2,       0.0);
( 401488.9, 3781988.8,    384.3,    1259.2,       0.0);       ( 401508.9,
3781988.8,    376.2,    1259.2,       0.0);
( 401528.9, 3781988.8,    380.3,    1259.2,       0.0);       ( 401548.9,
3781988.8,    378.8,    1259.2,       0.0);
( 401568.9, 3781988.8,    378.3,    1259.2,       0.0);       ( 401588.9,
3781988.8,    377.8,    1259.2,       0.0);
( 401608.9, 3781988.8,    377.9,    1259.2,       0.0);       ( 401628.9,
3781988.8,    377.2,    1259.2,       0.0);
( 401648.9, 3781988.8,    376.9,    1259.2,       0.0);       ( 401668.9,
3781988.8,    378.9,    1259.2,       0.0);
( 401688.9, 3781988.8,    383.3,    1259.2,       0.0);       ( 401708.9,
3781988.8,    386.7,    1259.2,       0.0);
( 401728.9, 3781988.8,    386.7,    1259.2,       0.0);       ( 401748.9,
3781988.8,    384.5,    1259.2,       0.0);
( 401768.9, 3781988.8,    386.8,    1259.2,       0.0);       ( 401788.9,
3781988.8,    386.7,    1259.2,       0.0);
( 401808.9, 3781988.8,    384.0,    1259.2,       0.0);       ( 401828.9,
3781988.8,    377.7,    1259.2,       0.0);
( 401848.9, 3781988.8,    378.2,    1259.2,       0.0);       ( 401868.9,
3781988.8,    380.0,    1259.2,       0.0);
( 401888.9, 3781988.8,    382.7,    1259.2,       0.0);       ( 401908.9,
3781988.8,    384.8,    1259.2,       0.0);
( 401928.9, 3781988.8,    385.7,    1259.2,       0.0);       ( 401948.9,
3781988.8,    386.3,    1259.2,       0.0);
( 401968.9, 3781988.8,    386.6,    1259.2,       0.0);       ( 401988.9,
3781988.8,    386.8,    1259.2,       0.0);
( 402008.9, 3781988.8,    386.5,    1259.2,       0.0);       ( 402028.9,
3781988.8,    386.1,    1259.2,       0.0);
( 402048.9, 3781988.8,    384.2,    1259.2,       0.0);       ( 402068.9,
3781988.8,    384.0,    1259.2,       0.0);
( 402088.9, 3781988.8,    383.9,    1259.2,       0.0);       ( 402108.9,
3781988.8,    383.2,    1259.2,       0.0);
```

```
     ( 402128.9, 3781988.8,      381.6,     1259.2,        0.0);        ( 402148.9,
3781988.8,      378.6,    1259.2,        0.0);
     ( 402168.9, 3781988.8,      370.2,     1259.2,        0.0);        ( 402188.9,
3781988.8,      369.2,    1259.2,        0.0);
     ( 402208.9, 3781988.8,      371.1,     1259.2,        0.0);        ( 402228.9,
3781988.8,      371.8,    1259.2,        0.0);
     ( 402248.9, 3781988.8,      373.8,     1259.2,        0.0);        ( 402268.9,
3781988.8,      376.2,    1259.2,        0.0);
     ( 402288.9, 3781988.8,      378.8,     1259.2,        0.0);        ( 402308.9,
3781988.8,      384.2,    1259.2,        0.0);
     ( 402328.9, 3781988.8,      391.7,     1259.2,        0.0);        ( 402348.9,
3781988.8,      392.2,    1259.2,        0.0);
     ( 402368.9, 3781988.8,      394.7,     1259.2,        0.0);        ( 402388.9,
3781988.8,      392.8,    1259.2,        0.0);
     ( 402408.9, 3781988.8,      380.2,     1259.2,        0.0);        ( 402428.9,
3781988.8,      379.8,    1259.2,        0.0);
     ( 402448.9, 3781988.8,      381.4,     1259.2,        0.0);        ( 402468.9,
3781988.8,      381.6,    1259.2,        0.0);
     ( 402488.9, 3781988.8,      382.1,     1259.2,        0.0);        ( 402508.9,
3781988.8,      382.4,    1259.2,        0.0);
     ( 401308.9, 3782008.8,      389.4,     1259.2,        0.0);        ( 401328.9,
3782008.8,      389.3,    1259.2,        0.0);
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                             PAGE 106
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

```
     ( 401348.9, 3782008.8,      389.1,     1259.2,        0.0);        ( 401368.9,
3782008.8,      389.4,    1259.2,        0.0);
     ( 401388.9, 3782008.8,      389.7,     1259.2,        0.0);        ( 401408.9,
3782008.8,      389.4,    1259.2,        0.0);
     ( 401428.9, 3782008.8,      388.3,     1259.2,        0.0);        ( 401448.9,
3782008.8,      388.2,    1259.2,        0.0);
     ( 401468.9, 3782008.8,      389.0,     1259.2,        0.0);        ( 401488.9,
3782008.8,      384.9,    1259.2,        0.0);
     ( 401508.9, 3782008.8,      379.3,     1259.2,        0.0);        ( 401528.9,
3782008.8,      380.3,    1259.2,        0.0);
     ( 401548.9, 3782008.8,      380.5,     1259.2,        0.0);        ( 401568.9,
3782008.8,      380.1,    1259.2,        0.0);
     ( 401588.9, 3782008.8,      379.6,     1259.2,        0.0);        ( 401608.9,
3782008.8,      379.0,    1259.2,        0.0);
     ( 401628.9, 3782008.8,      380.7,     1259.2,        0.0);        ( 401648.9,
3782008.8,      385.0,    1259.2,        0.0);
```

```
    ( 401668.9, 3782008.8,     388.9,    1259.2,       0.0);       ( 401688.9,
3782008.8,     390.0,    1259.2,       0.0);
    ( 401708.9, 3782008.8,     389.6,    1259.2,       0.0);       ( 401728.9,
3782008.8,     387.1,    1259.2,       0.0);
    ( 401748.9, 3782008.8,     387.2,    1259.2,       0.0);       ( 401768.9,
3782008.8,     388.8,    1259.2,       0.0);
    ( 401788.9, 3782008.8,     388.5,    1259.2,       0.0);       ( 401808.9,
3782008.8,     384.4,    1259.2,       0.0);
    ( 401828.9, 3782008.8,     382.2,    1259.2,       0.0);       ( 401848.9,
3782008.8,     382.4,    1259.2,       0.0);
    ( 401868.9, 3782008.8,     385.6,    1259.2,       0.0);       ( 401888.9,
3782008.8,     387.4,    1259.2,       0.0);
    ( 401908.9, 3782008.8,     388.1,    1259.2,       0.0);       ( 401928.9,
3782008.8,     387.3,    1259.2,       0.0);
    ( 401948.9, 3782008.8,     388.0,    1259.2,       0.0);       ( 401968.9,
3782008.8,     388.3,    1259.2,       0.0);
    ( 401988.9, 3782008.8,     388.1,    1259.2,       0.0);       ( 402008.9,
3782008.8,     388.4,    1259.2,       0.0);
    ( 402028.9, 3782008.8,     388.0,    1259.2,       0.0);       ( 402048.9,
3782008.8,     386.8,    1259.2,       0.0);
    ( 402068.9, 3782008.8,     385.2,    1259.2,       0.0);       ( 402088.9,
3782008.8,     383.8,    1259.2,       0.0);
    ( 402108.9, 3782008.8,     383.8,    1259.2,       0.0);       ( 402128.9,
3782008.8,     383.4,    1259.2,       0.0);
    ( 402148.9, 3782008.8,     375.8,    1259.2,       0.0);       ( 402168.9,
3782008.8,     372.4,    1259.2,       0.0);
    ( 402188.9, 3782008.8,     370.5,    1259.2,       0.0);       ( 402208.9,
3782008.8,     373.2,    1259.2,       0.0);
    ( 402228.9, 3782008.8,     374.1,    1259.2,       0.0);       ( 402248.9,
3782008.8,     375.9,    1259.2,       0.0);
    ( 402268.9, 3782008.8,     381.8,    1259.2,       0.0);       ( 402288.9,
3782008.8,     384.5,    1259.2,       0.0);
    ( 402308.9, 3782008.8,     391.8,    1259.2,       0.0);       ( 402328.9,
3782008.8,     394.5,    1259.2,       0.0);
    ( 402348.9, 3782008.8,     394.3,    1259.2,       0.0);       ( 402368.9,
3782008.8,     399.4,    1259.2,       0.0);
    ( 402388.9, 3782008.8,     393.9,    1259.2,       0.0);       ( 402408.9,
3782008.8,     386.1,    1259.2,       0.0);
    ( 402428.9, 3782008.8,     387.8,    1259.2,       0.0);       ( 402448.9,
3782008.8,     387.9,    1259.2,       0.0);
    ( 402468.9, 3782008.8,     384.3,    1259.2,       0.0);       ( 402488.9,
3782008.8,     387.6,    1259.2,       0.0);
    ( 402508.9, 3782008.8,     387.7,    1259.2,       0.0);       ( 401308.9,
3782028.8,     390.2,    1259.2,       0.0);
    ( 401328.9, 3782028.8,     390.3,    1259.2,       0.0);       ( 401348.9,
3782028.8,     390.9,    1259.2,       0.0);
    ( 401368.9, 3782028.8,     392.4,    1259.2,       0.0);       ( 401388.9,
3782028.8,     394.4,    1259.2,       0.0);
    ( 401408.9, 3782028.8,     393.8,    1259.2,       0.0);       ( 401428.9,
3782028.8,     390.8,    1259.2,       0.0);
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     ( 401448.9, 3782028.8,      393.2,    1259.2,        0.0);        ( 401468.9,
3782028.8,      391.1,    1259.2,       0.0);
     ( 401488.9, 3782028.8,      385.7,    1259.2,        0.0);        ( 401508.9,
3782028.8,      381.3,    1259.2,       0.0);
     ( 401528.9, 3782028.8,      383.0,    1259.2,        0.0);        ( 401548.9,
3782028.8,      382.6,    1259.2,       0.0);
     ( 401568.9, 3782028.8,      380.5,    1259.2,        0.0);        ( 401588.9,
3782028.8,      384.1,    1259.2,       0.0);
     ( 401608.9, 3782028.8,      387.2,    1259.2,        0.0);        ( 401628.9,
3782028.8,      391.3,    1259.2,       0.0);
     ( 401648.9, 3782028.8,      392.9,    1259.2,        0.0);        ( 401668.9,
3782028.8,      391.6,    1259.2,       0.0);
     ( 401688.9, 3782028.8,      391.0,    1259.2,        0.0);        ( 401708.9,
3782028.8,      390.0,    1259.2,       0.0);
     ( 401728.9, 3782028.8,      389.8,    1259.2,        0.0);        ( 401748.9,
3782028.8,      390.6,    1259.2,       0.0);
     ( 401768.9, 3782028.8,      393.3,    1259.2,        0.0);        ( 401788.9,
3782028.8,      392.9,    1259.2,       0.0);
     ( 401808.9, 3782028.8,      389.7,    1259.2,        0.0);        ( 401828.9,
3782028.8,      387.1,    1259.2,       0.0);
     ( 401848.9, 3782028.8,      387.0,    1259.2,        0.0);        ( 401868.9,
3782028.8,      388.9,    1259.2,       0.0);
     ( 401888.9, 3782028.8,      390.2,    1259.2,        0.0);        ( 401908.9,
3782028.8,      390.0,    1259.2,       0.0);
```

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

```
     ( 401928.9, 3782028.8,      391.6,    1259.2,        0.0);        ( 401948.9,
3782028.8,      393.8,    1259.2,       0.0);
     ( 401968.9, 3782028.8,      395.1,    1259.2,        0.0);        ( 401988.9,
3782028.8,      395.8,    1259.2,       0.0);
     ( 402008.9, 3782028.8,      395.0,    1259.2,        0.0);        ( 402028.9,
3782028.8,      393.8,    1259.2,       0.0);
     ( 402048.9, 3782028.8,      391.8,    1259.2,        0.0);        ( 402068.9,
3782028.8,      389.2,    1259.2,       0.0);
     ( 402088.9, 3782028.8,      387.9,    1259.2,        0.0);        ( 402108.9,
3782028.8,      387.3,    1259.2,       0.0);
     ( 402128.9, 3782028.8,      385.2,    1259.2,        0.0);        ( 402148.9,
3782028.8,      376.7,    1259.2,       0.0);
     ( 402168.9, 3782028.8,      374.1,    1259.2,        0.0);        ( 402188.9,
3782028.8,      373.8,    1259.2,       0.0);
```

```
( 402208.9, 3782028.8,      376.7,    1259.2,          0.0);          ( 402228.9,
3782028.8,      376.6,    1259.2,          0.0);
    ( 402248.9, 3782028.8,      379.8,    1259.2,          0.0);          ( 402268.9,
3782028.8,      382.2,    1259.2,          0.0);
    ( 402288.9, 3782028.8,      393.4,    1259.2,          0.0);          ( 402308.9,
3782028.8,      401.4,    1259.2,          0.0);
    ( 402328.9, 3782028.8,      406.1,    1259.2,          0.0);          ( 402348.9,
3782028.8,      398.9,    1259.2,          0.0);
    ( 402368.9, 3782028.8,      400.2,    1259.2,          0.0);          ( 402388.9,
3782028.8,      393.0,    1259.2,          0.0);
    ( 402408.9, 3782028.8,      390.2,    1259.2,          0.0);          ( 402428.9,
3782028.8,      390.0,    1259.2,          0.0);
    ( 402448.9, 3782028.8,      390.3,    1259.2,          0.0);          ( 402468.9,
3782028.8,      388.3,    1259.2,          0.0);
    ( 402488.9, 3782028.8,      388.5,    1259.2,          0.0);          ( 402508.9,
3782028.8,      393.4,    1259.2,          0.0);
    ( 401308.9, 3782048.8,      393.3,    1259.2,          0.0);          ( 401328.9,
3782048.8,      393.9,    1259.2,          0.0);
    ( 401348.9, 3782048.8,      396.1,    1259.2,          0.0);          ( 401368.9,
3782048.8,      396.1,    1259.2,          0.0);
    ( 401388.9, 3782048.8,      396.0,    1259.2,          0.0);          ( 401408.9,
3782048.8,      394.1,    1259.2,          0.0);
    ( 401428.9, 3782048.8,      393.9,    1259.2,          0.0);          ( 401448.9,
3782048.8,      394.3,    1259.2,          0.0);
    ( 401468.9, 3782048.8,      393.8,    1259.2,          0.0);          ( 401488.9,
3782048.8,      386.9,    1259.2,          0.0);
    ( 401508.9, 3782048.8,      380.9,    1259.2,          0.0);          ( 401528.9,
3782048.8,      384.1,    1259.2,          0.0);
    ( 401548.9, 3782048.8,      384.7,    1259.2,          0.0);          ( 401568.9,
3782048.8,      386.0,    1259.2,          0.0);
    ( 401588.9, 3782048.8,      386.5,    1259.2,          0.0);          ( 401608.9,
3782048.8,      394.0,    1259.2,          0.0);
    ( 401628.9, 3782048.8,      393.8,    1259.2,          0.0);          ( 401648.9,
3782048.8,      392.9,    1259.2,          0.0);
    ( 401668.9, 3782048.8,      392.1,    1259.2,          0.0);          ( 401688.9,
3782048.8,      392.2,    1259.2,          0.0);
    ( 401708.9, 3782048.8,      394.5,    1259.2,          0.0);          ( 401728.9,
3782048.8,      393.2,    1259.2,          0.0);
    ( 401748.9, 3782048.8,      396.1,    1259.2,          0.0);          ( 401768.9,
3782048.8,      394.8,    1259.2,          0.0);
    ( 401788.9, 3782048.8,      394.8,    1259.2,          0.0);          ( 401808.9,
3782048.8,      392.8,    1259.2,          0.0);
    ( 401828.9, 3782048.8,      392.1,    1259.2,          0.0);          ( 401848.9,
3782048.8,      393.8,    1259.2,          0.0);
    ( 401868.9, 3782048.8,      395.0,    1259.2,          0.0);          ( 401888.9,
3782048.8,      396.5,    1259.2,          0.0);
    ( 401908.9, 3782048.8,      395.1,    1259.2,          0.0);          ( 401928.9,
3782048.8,      395.1,    1259.2,          0.0);
    ( 401948.9, 3782048.8,      397.6,    1259.2,          0.0);          ( 401968.9,
3782048.8,      399.0,    1259.2,          0.0);
```

(401988.9, 3782048.8,   399.5,   1259.2,   0.0);   (402008.9,
3782048.8,   398.9,   1259.2,   0.0);
       (402028.9, 3782048.8,   396.9,   1259.2,   0.0);   (402048.9,
3782048.8,   395.7,   1259.2,   0.0);
       (402068.9, 3782048.8,   393.9,   1259.2,   0.0);   (402088.9,
3782048.8,   392.1,   1259.2,   0.0);
       (402108.9, 3782048.8,   390.3,   1259.2,   0.0);   (402128.9,
3782048.8,   387.4,   1259.2,   0.0);
       (402148.9, 3782048.8,   378.0,   1259.2,   0.0);   (402168.9,
3782048.8,   374.3,   1259.2,   0.0);
       (402188.9, 3782048.8,   380.0,   1259.2,   0.0);   (402208.9,
3782048.8,   387.6,   1259.2,   0.0);
       (402228.9, 3782048.8,   381.8,   1259.2,   0.0);   (402248.9,
3782048.8,   381.4,   1259.2,   0.0);
       (402268.9, 3782048.8,   386.6,   1259.2,   0.0);   (402288.9,
3782048.8,   398.6,   1259.2,   0.0);
       (402308.9, 3782048.8,   409.5,   1259.2,   0.0);   (402328.9,
3782048.8,   410.9,   1259.2,   0.0);
       (402348.9, 3782048.8,   408.7,   1259.2,   0.0);   (402368.9,
3782048.8,   408.9,   1259.2,   0.0);
       (402388.9, 3782048.8,   404.4,   1259.2,   0.0);   (402408.9,
3782048.8,   395.8,   1259.2,   0.0);
       (402428.9, 3782048.8,   394.1,   1259.2,   0.0);   (402448.9,
3782048.8,   397.3,   1259.2,   0.0);
       (402468.9, 3782048.8,   394.7,   1259.2,   0.0);   (402488.9,
3782048.8,   396.3,   1259.2,   0.0);

↥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 108
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                      *** DISCRETE CARTESIAN RECEPTORS ***
                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

       (402508.9, 3782048.8,   397.6,   1259.2,   0.0);   (401308.9,
3782068.8,   396.6,   1259.2,   0.0);
       (401328.9, 3782068.8,   397.7,   1259.2,   0.0);   (401348.9,
3782068.8,   398.0,   1259.2,   0.0);
       (401368.9, 3782068.8,   398.1,   1259.2,   0.0);   (401388.9,
3782068.8,   397.1,   1259.2,   0.0);
       (401408.9, 3782068.8,   396.6,   1259.2,   0.0);   (401428.9,
3782068.8,   398.2,   1259.2,   0.0);
       (401448.9, 3782068.8,   395.7,   1259.2,   0.0);   (401468.9,
3782068.8,   395.1,   1259.2,   0.0);
       (401488.9, 3782068.8,   388.5,   1259.2,   0.0);   (401508.9,
3782068.8,   389.8,   1259.2,   0.0);

```
    ( 401528.9, 3782068.8,      390.4,    1259.2,       0.0);       ( 401548.9,
3782068.8,      387.4,    1259.2,       0.0);
    ( 401568.9, 3782068.8,      389.9,    1259.2,       0.0);       ( 401588.9,
3782068.8,      390.3,    1259.2,       0.0);
    ( 401608.9, 3782068.8,      393.9,    1259.2,       0.0);       ( 401628.9,
3782068.8,      393.4,    1259.2,       0.0);
    ( 401648.9, 3782068.8,      393.1,    1259.2,       0.0);       ( 401668.9,
3782068.8,      394.0,    1259.2,       0.0);
    ( 401688.9, 3782068.8,      394.1,    1259.2,       0.0);       ( 401708.9,
3782068.8,      395.6,    1259.2,       0.0);
    ( 401728.9, 3782068.8,      398.6,    1259.2,       0.0);       ( 401748.9,
3782068.8,      397.6,    1259.2,       0.0);
    ( 401768.9, 3782068.8,      396.4,    1259.2,       0.0);       ( 401788.9,
3782068.8,      397.3,    1259.2,       0.0);
    ( 401808.9, 3782068.8,      400.3,    1259.2,       0.0);       ( 401828.9,
3782068.8,      397.8,    1259.2,       0.0);
    ( 401848.9, 3782068.8,      404.3,    1259.2,       0.0);       ( 401868.9,
3782068.8,      404.2,    1259.2,       0.0);
    ( 401888.9, 3782068.8,      403.8,    1259.2,       0.0);       ( 401908.9,
3782068.8,      405.2,    1259.2,       0.0);
    ( 401928.9, 3782068.8,      406.8,    1259.2,       0.0);       ( 401948.9,
3782068.8,      408.1,    1259.2,       0.0);
    ( 401968.9, 3782068.8,      406.8,    1259.2,       0.0);       ( 401988.9,
3782068.8,      403.8,    1259.2,       0.0);
    ( 402008.9, 3782068.8,      400.6,    1259.2,       0.0);       ( 402028.9,
3782068.8,      398.0,    1259.2,       0.0);
    ( 402048.9, 3782068.8,      395.1,    1259.2,       0.0);       ( 402068.9,
3782068.8,      392.9,    1259.2,       0.0);
    ( 402088.9, 3782068.8,      391.8,    1259.2,       0.0);       ( 402108.9,
3782068.8,      390.4,    1259.2,       0.0);
    ( 402128.9, 3782068.8,      389.2,    1259.2,       0.0);       ( 402148.9,
3782068.8,      380.2,    1259.2,       0.0);
    ( 402168.9, 3782068.8,      376.4,    1259.2,       0.0);       ( 402188.9,
3782068.8,      388.9,    1259.2,       0.0);
    ( 402208.9, 3782068.8,      400.2,    1259.2,       0.0);       ( 402228.9,
3782068.8,      398.0,    1259.2,       0.0);
    ( 402248.9, 3782068.8,      387.8,    1259.2,       0.0);       ( 402268.9,
3782068.8,      388.9,    1259.2,       0.0);
    ( 402288.9, 3782068.8,      400.6,    1259.2,       0.0);       ( 402308.9,
3782068.8,      412.4,    1259.2,       0.0);
    ( 402328.9, 3782068.8,      421.6,    1259.2,       0.0);       ( 402348.9,
3782068.8,      425.7,    1259.2,       0.0);
    ( 402368.9, 3782068.8,      424.5,    1259.2,       0.0);       ( 402388.9,
3782068.8,      419.1,    1259.2,       0.0);
    ( 402408.9, 3782068.8,      407.8,    1259.2,       0.0);       ( 402428.9,
3782068.8,      402.7,    1259.2,       0.0);
    ( 402448.9, 3782068.8,      403.9,    1259.2,       0.0);       ( 402468.9,
3782068.8,      391.9,    1259.2,       0.0);
    ( 402488.9, 3782068.8,      392.6,    1259.2,       0.0);       ( 402508.9,
3782068.8,      400.8,    1259.2,       0.0);
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    ( 401308.9, 3782088.8,    398.5,    1259.2,        0.0);        ( 401328.9,
3782088.8,    398.8,    1259.2,      0.0);
    ( 401348.9, 3782088.8,    398.8,    1259.2,        0.0);        ( 401368.9,
3782088.8,    399.0,    1259.2,      0.0);
    ( 401388.9, 3782088.8,    399.9,    1259.2,        0.0);        ( 401408.9,
3782088.8,    401.2,    1259.2,      0.0);
    ( 401428.9, 3782088.8,    400.2,    1259.2,        0.0);        ( 401448.9,
3782088.8,    402.8,    1259.2,      0.0);
    ( 401468.9, 3782088.8,    395.8,    1259.2,        0.0);        ( 401488.9,
3782088.8,    390.8,    1259.2,      0.0);
    ( 401508.9, 3782088.8,    391.2,    1259.2,        0.0);        ( 401528.9,
3782088.8,    390.9,    1259.2,      0.0);
    ( 401548.9, 3782088.8,    389.8,    1259.2,        0.0);        ( 401568.9,
3782088.8,    392.1,    1259.2,      0.0);
    ( 401588.9, 3782088.8,    392.4,    1259.2,        0.0);        ( 401608.9,
3782088.8,    395.6,    1259.2,      0.0);
    ( 401628.9, 3782088.8,    395.7,    1259.2,        0.0);        ( 401648.9,
3782088.8,    394.7,    1259.2,      0.0);
    ( 401668.9, 3782088.8,    395.9,    1259.2,        0.0);        ( 401688.9,
3782088.8,    398.1,    1259.2,      0.0);
    ( 401708.9, 3782088.8,    401.9,    1259.2,        0.0);        ( 401728.9,
3782088.8,    405.9,    1259.2,      0.0);
    ( 401748.9, 3782088.8,    399.5,    1259.2,        0.0);        ( 401768.9,
3782088.8,    394.9,    1259.2,      0.0);
    ( 401788.9, 3782088.8,    399.0,    1259.2,        0.0);        ( 401808.9,
3782088.8,    407.6,    1259.2,      0.0);
    ( 401828.9, 3782088.8,    408.1,    1259.2,        0.0);        ( 401848.9,
3782088.8,    413.1,    1259.2,      0.0);
```
⬧ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 109
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                            (METERS)

    (401868.9, 3782088.8,   416.5,   1259.2,   0.0);   (401888.9,
3782088.8,   413.8,   1259.2,   0.0);
    (401908.9, 3782088.8,   420.5,   1259.2,   0.0);   (401928.9,
3782088.8,   422.7,   1259.2,   0.0);
    (401948.9, 3782088.8,   421.3,   1259.2,   0.0);   (401968.9,
3782088.8,   412.1,   1259.2,   0.0);
    (401988.9, 3782088.8,   404.3,   1259.2,   0.0);   (402008.9,
3782088.8,   404.1,   1259.2,   0.0);
    (402028.9, 3782088.8,   404.3,   1259.2,   0.0);   (402048.9,
3782088.8,   399.2,   1259.2,   0.0);
```

```
      ( 402068.9, 3782088.8,       397.7,     1259.2,          0.0);          ( 402088.9,
3782088.8,       395.5,     1259.2,          0.0);
      ( 402108.9, 3782088.8,       396.3,     1259.2,          0.0);          ( 402128.9,
3782088.8,       395.0,     1259.2,          0.0);
      ( 402148.9, 3782088.8,       386.0,     1259.2,          0.0);          ( 402168.9,
3782088.8,       380.0,     1259.2,          0.0);
      ( 402188.9, 3782088.8,       384.1,     1259.2,          0.0);          ( 402208.9,
3782088.8,       406.5,     1259.2,          0.0);
      ( 402228.9, 3782088.8,       412.1,     1259.2,          0.0);          ( 402248.9,
3782088.8,       403.1,     1259.2,          0.0);
      ( 402268.9, 3782088.8,       400.9,     1259.2,          0.0);          ( 402288.9,
3782088.8,       403.2,     1259.2,          0.0);
      ( 402308.9, 3782088.8,       414.9,     1259.2,          0.0);          ( 402328.9,
3782088.8,       430.8,     1259.2,          0.0);
      ( 402348.9, 3782088.8,       442.4,     1259.2,          0.0);          ( 402368.9,
3782088.8,       440.9,     1259.2,          0.0);
      ( 402388.9, 3782088.8,       433.2,     1259.2,          0.0);          ( 402408.9,
3782088.8,       421.2,     1259.2,          0.0);
      ( 402428.9, 3782088.8,       406.2,     1259.2,          0.0);          ( 402448.9,
3782088.8,       404.1,     1259.2,          0.0);
      ( 402468.9, 3782088.8,       393.0,     1259.2,          0.0);          ( 402488.9,
3782088.8,       398.8,     1259.2,          0.0);
      ( 402508.9, 3782088.8,       412.3,     1259.2,          0.0);          ( 401308.9,
3782108.8,       399.3,     1259.2,          0.0);
      ( 401328.9, 3782108.8,       399.3,     1259.2,          0.0);          ( 401348.9,
3782108.8,       399.5,     1259.2,          0.0);
      ( 401368.9, 3782108.8,       401.2,     1259.2,          0.0);          ( 401388.9,
3782108.8,       402.5,     1259.2,          0.0);
      ( 401408.9, 3782108.8,       404.1,     1259.2,          0.0);          ( 401428.9,
3782108.8,       406.1,     1259.2,          0.0);
      ( 401448.9, 3782108.8,       407.8,     1259.2,          0.0);          ( 401468.9,
3782108.8,       402.1,     1259.2,          0.0);
      ( 401488.9, 3782108.8,       394.9,     1259.2,          0.0);          ( 401508.9,
3782108.8,       398.1,     1259.2,          0.0);
      ( 401528.9, 3782108.8,       396.4,     1259.2,          0.0);          ( 401548.9,
3782108.8,       399.2,     1259.2,          0.0);
      ( 401568.9, 3782108.8,       402.6,     1259.2,          0.0);          ( 401588.9,
3782108.8,       403.3,     1259.2,          0.0);
      ( 401608.9, 3782108.8,       402.9,     1259.2,          0.0);          ( 401628.9,
3782108.8,       403.2,     1259.2,          0.0);
      ( 401648.9, 3782108.8,       404.3,     1259.2,          0.0);          ( 401668.9,
3782108.8,       405.1,     1259.2,          0.0);
      ( 401688.9, 3782108.8,       409.3,     1259.2,          0.0);          ( 401708.9,
3782108.8,       413.9,     1259.2,          0.0);
      ( 401728.9, 3782108.8,       416.4,     1259.2,          0.0);          ( 401748.9,
3782108.8,       409.6,     1259.2,          0.0);
      ( 401768.9, 3782108.8,       405.8,     1259.2,          0.0);          ( 401788.9,
3782108.8,       402.6,     1259.2,          0.0);
      ( 401808.9, 3782108.8,       416.8,     1259.2,          0.0);          ( 401828.9,
3782108.8,       425.0,     1259.2,          0.0);
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    ( 401848.9, 3782108.8,     426.6,    1259.2,       0.0);        ( 401868.9,
3782108.8,     432.2,    1259.2,       0.0);
    ( 401888.9, 3782108.8,     427.4,    1259.2,       0.0);        ( 401908.9,
3782108.8,     435.0,    1259.2,       0.0);
    ( 401928.9, 3782108.8,     436.1,    1259.2,       0.0);        ( 401948.9,
3782108.8,     427.8,    1259.2,       0.0);
    ( 401968.9, 3782108.8,     414.3,    1259.2,       0.0);        ( 401988.9,
3782108.8,     406.7,    1259.2,       0.0);
    ( 402008.9, 3782108.8,     415.0,    1259.2,       0.0);        ( 402028.9,
3782108.8,     411.0,    1259.2,       0.0);
    ( 402048.9, 3782108.8,     402.4,    1259.2,       0.0);        ( 402068.9,
3782108.8,     400.8,    1259.2,       0.0);
    ( 402088.9, 3782108.8,     400.9,    1259.2,       0.0);        ( 402108.9,
3782108.8,     400.2,    1259.2,       0.0);
    ( 402128.9, 3782108.8,     398.2,    1259.2,       0.0);        ( 402148.9,
3782108.8,     396.3,    1259.2,       0.0);
    ( 402168.9, 3782108.8,     386.5,    1259.2,       0.0);        ( 402188.9,
3782108.8,     380.7,    1259.2,       0.0);
    ( 402208.9, 3782108.8,     400.2,    1259.2,       0.0);        ( 402228.9,
3782108.8,     420.7,    1259.2,       0.0);
    ( 402248.9, 3782108.8,     419.8,    1259.2,       0.0);        ( 402268.9,
3782108.8,     418.1,    1259.2,       0.0);
    ( 402288.9, 3782108.8,     417.9,    1259.2,       0.0);        ( 402308.9,
3782108.8,     424.1,    1259.2,       0.0);
    ( 402328.9, 3782108.8,     431.9,    1259.2,       0.0);        ( 402348.9,
3782108.8,     449.6,    1259.2,       0.0);
    ( 402368.9, 3782108.8,     455.5,    1259.2,       0.0);        ( 402388.9,
3782108.8,     446.4,    1259.2,       0.0);
    ( 402408.9, 3782108.8,     433.2,    1259.2,       0.0);        ( 402428.9,
3782108.8,     417.6,    1259.2,       0.0);
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                          PAGE 110
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                   *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                            (METERS)


```
    ( 402448.9, 3782108.8,     409.9,    1259.2,       0.0);        ( 402468.9,
3782108.8,     403.2,    1259.2,       0.0);
    ( 402488.9, 3782108.8,     416.2,    1259.2,       0.0);        ( 402508.9,
3782108.8,     423.2,    1259.2,       0.0);
    ( 401308.9, 3782128.8,     400.3,    1259.2,       0.0);        ( 401328.9,
3782128.8,     400.7,    1259.2,       0.0);
    ( 401348.9, 3782128.8,     401.9,    1259.2,       0.0);        ( 401368.9,
3782128.8,     403.9,    1259.2,       0.0);
```

```
    ( 401388.9, 3782128.8,     405.5,    1259.2,        0.0);        ( 401408.9,
3782128.8,     407.4,    1259.2,        0.0);
    ( 401428.9, 3782128.8,     407.9,    1259.2,        0.0);        ( 401448.9,
3782128.8,     411.9,    1259.2,        0.0);
    ( 401468.9, 3782128.8,     409.0,    1259.2,        0.0);        ( 401488.9,
3782128.8,     407.6,    1259.2,        0.0);
    ( 401508.9, 3782128.8,     410.3,    1259.2,        0.0);        ( 401528.9,
3782128.8,     406.7,    1259.2,        0.0);
    ( 401548.9, 3782128.8,     412.4,    1259.2,        0.0);        ( 401568.9,
3782128.8,     416.1,    1259.2,        0.0);
    ( 401588.9, 3782128.8,     414.7,    1259.2,        0.0);        ( 401608.9,
3782128.8,     415.1,    1259.2,        0.0);
    ( 401628.9, 3782128.8,     414.3,    1259.2,        0.0);        ( 401648.9,
3782128.8,     411.8,    1259.2,        0.0);
    ( 401668.9, 3782128.8,     414.9,    1259.2,        0.0);        ( 401688.9,
3782128.8,     422.2,    1259.2,        0.0);
    ( 401708.9, 3782128.8,     424.7,    1259.2,        0.0);        ( 401728.9,
3782128.8,     429.0,    1259.2,        0.0);
    ( 401748.9, 3782128.8,     419.0,    1259.2,        0.0);        ( 401768.9,
3782128.8,     412.4,    1259.2,        0.0);
    ( 401788.9, 3782128.8,     406.9,    1259.2,        0.0);        ( 401808.9,
3782128.8,     422.3,    1259.2,        0.0);
    ( 401828.9, 3782128.8,     439.8,    1259.2,        0.0);        ( 401848.9,
3782128.8,     440.7,    1259.2,        0.0);
    ( 401868.9, 3782128.8,     446.8,    1259.2,        0.0);        ( 401888.9,
3782128.8,     445.2,    1259.2,        0.0);
    ( 401908.9, 3782128.8,     449.0,    1259.2,        0.0);        ( 401928.9,
3782128.8,     440.9,    1259.2,        0.0);
    ( 401948.9, 3782128.8,     429.4,    1259.2,        0.0);        ( 401968.9,
3782128.8,     413.5,    1259.2,        0.0);
    ( 401988.9, 3782128.8,     414.0,    1259.2,        0.0);        ( 402008.9,
3782128.8,     424.2,    1259.2,        0.0);
    ( 402028.9, 3782128.8,     418.6,    1259.2,        0.0);        ( 402048.9,
3782128.8,     408.7,    1259.2,        0.0);
    ( 402068.9, 3782128.8,     403.4,    1259.2,        0.0);        ( 402088.9,
3782128.8,     404.9,    1259.2,        0.0);
    ( 402108.9, 3782128.8,     404.0,    1259.2,        0.0);        ( 402128.9,
3782128.8,     401.7,    1259.2,        0.0);
    ( 402148.9, 3782128.8,     400.6,    1259.2,        0.0);        ( 402168.9,
3782128.8,     393.9,    1259.2,        0.0);
    ( 402188.9, 3782128.8,     383.0,    1259.2,        0.0);        ( 402208.9,
3782128.8,     402.7,    1259.2,        0.0);
    ( 402228.9, 3782128.8,     422.2,    1259.2,        0.0);        ( 402248.9,
3782128.8,     433.4,    1259.2,        0.0);
    ( 402268.9, 3782128.8,     431.8,    1259.2,        0.0);        ( 402288.9,
3782128.8,     434.6,    1259.2,        0.0);
    ( 402308.9, 3782128.8,     438.4,    1259.2,        0.0);        ( 402328.9,
3782128.8,     445.5,    1259.2,        0.0);
    ( 402348.9, 3782128.8,     456.1,    1259.2,        0.0);        ( 402368.9,
3782128.8,     464.1,    1259.2,        0.0);
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      ( 402388.9, 3782128.8,      452.9,     1259.2,         0.0);           ( 402408.9,
3782128.8,      438.0,    1259.2,         0.0);
      ( 402428.9, 3782128.8,      422.4,     1259.2,         0.0);           ( 402448.9,
3782128.8,      412.3,    1259.2,         0.0);
      ( 402468.9, 3782128.8,      416.4,     1259.2,         0.0);           ( 402488.9,
3782128.8,      432.9,    1259.2,         0.0);
      ( 402508.9, 3782128.8,      441.7,     1259.2,         0.0);           ( 401308.9,
3782148.8,      406.1,    1259.2,         0.0);
      ( 401328.9, 3782148.8,      403.9,     1259.2,         0.0);           ( 401348.9,
3782148.8,      405.0,    1259.2,         0.0);
      ( 401368.9, 3782148.8,      406.9,     1259.2,         0.0);           ( 401388.9,
3782148.8,      408.5,    1259.2,         0.0);
      ( 401408.9, 3782148.8,      410.0,     1259.2,         0.0);           ( 401428.9,
3782148.8,      413.8,    1259.2,         0.0);
      ( 401448.9, 3782148.8,      417.0,     1259.2,         0.0);           ( 401468.9,
3782148.8,      417.1,    1259.2,         0.0);
      ( 401488.9, 3782148.8,      426.6,     1259.2,         0.0);           ( 401508.9,
3782148.8,      426.9,    1259.2,         0.0);
      ( 401528.9, 3782148.8,      422.6,     1259.2,         0.0);           ( 401548.9,
3782148.8,      427.1,    1259.2,         0.0);
      ( 401568.9, 3782148.8,      431.8,     1259.2,         0.0);           ( 401588.9,
3782148.8,      428.3,    1259.2,         0.0);
      ( 401608.9, 3782148.8,      428.7,     1259.2,         0.0);           ( 401628.9,
3782148.8,      426.7,    1259.2,         0.0);
      ( 401648.9, 3782148.8,      424.0,     1259.2,         0.0);           ( 401668.9,
3782148.8,      424.1,    1259.2,         0.0);
      ( 401688.9, 3782148.8,      437.2,     1259.2,         0.0);           ( 401708.9,
3782148.8,      440.3,    1259.2,         0.0);
      ( 401728.9, 3782148.8,      441.2,     1259.2,         0.0);           ( 401748.9,
3782148.8,      430.2,    1259.2,         0.0);
      ( 401768.9, 3782148.8,      424.8,     1259.2,         0.0);           ( 401788.9,
3782148.8,      415.9,    1259.2,         0.0);
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                                      *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                               (METERS)


```
      ( 401808.9, 3782148.8,      431.3,     1259.2,         0.0);           ( 401828.9,
3782148.8,      446.9,    1259.2,         0.0);
      ( 401848.9, 3782148.8,      456.9,     1259.2,         0.0);           ( 401868.9,
3782148.8,      462.9,    1259.2,         0.0);
      ( 401888.9, 3782148.8,      462.9,     1259.2,         0.0);           ( 401908.9,
3782148.8,      453.5,    1259.2,         0.0);
```

```
    ( 401928.9, 3782148.8,      437.5,     1259.2,          0.0);          ( 401948.9,
3782148.8,      423.0,     1259.2,          0.0);
    ( 401968.9, 3782148.8,      418.4,     1259.2,          0.0);          ( 401988.9,
3782148.8,      428.8,     1259.2,          0.0);
    ( 402008.9, 3782148.8,      435.5,     1259.2,          0.0);          ( 402028.9,
3782148.8,      428.8,     1259.2,          0.0);
    ( 402048.9, 3782148.8,      415.7,     1259.2,          0.0);          ( 402068.9,
3782148.8,      411.6,     1259.2,          0.0);
    ( 402088.9, 3782148.8,      408.6,     1259.2,          0.0);          ( 402108.9,
3782148.8,      408.0,     1259.2,          0.0);
    ( 402128.9, 3782148.8,      405.9,     1259.2,          0.0);          ( 402148.9,
3782148.8,      404.4,     1259.2,          0.0);
    ( 402168.9, 3782148.8,      396.2,     1259.2,          0.0);          ( 402188.9,
3782148.8,      385.8,     1259.2,          0.0);
    ( 402208.9, 3782148.8,      399.8,     1259.2,          0.0);          ( 402228.9,
3782148.8,      423.9,     1259.2,          0.0);
    ( 402248.9, 3782148.8,      439.7,     1259.2,          0.0);          ( 402268.9,
3782148.8,      445.6,     1259.2,          0.0);
    ( 402288.9, 3782148.8,      450.3,     1259.2,          0.0);          ( 402308.9,
3782148.8,      458.1,     1259.2,          0.0);
    ( 402328.9, 3782148.8,      464.7,     1259.2,          0.0);          ( 402348.9,
3782148.8,      471.9,     1259.2,          0.0);
    ( 402368.9, 3782148.8,      469.7,     1259.2,          0.0);          ( 402388.9,
3782148.8,      454.5,     1259.2,          0.0);
    ( 402408.9, 3782148.8,      441.6,     1259.2,          0.0);          ( 402428.9,
3782148.8,      433.7,     1259.2,          0.0);
    ( 402448.9, 3782148.8,      415.5,     1259.2,          0.0);          ( 402468.9,
3782148.8,      418.4,     1259.2,          0.0);
    ( 402488.9, 3782148.8,      438.6,     1259.2,          0.0);          ( 402508.9,
3782148.8,      454.8,     1259.2,          0.0);
    ( 401308.9, 3782168.8,      407.0,     1259.2,          0.0);          ( 401328.9,
3782168.8,      408.6,     1259.2,          0.0);
    ( 401348.9, 3782168.8,      412.5,     1259.2,          0.0);          ( 401368.9,
3782168.8,      412.9,     1259.2,          0.0);
    ( 401388.9, 3782168.8,      412.4,     1259.2,          0.0);          ( 401408.9,
3782168.8,      413.3,     1259.2,          0.0);
    ( 401428.9, 3782168.8,      416.2,     1259.2,          0.0);          ( 401448.9,
3782168.8,      414.6,     1259.2,          0.0);
    ( 401468.9, 3782168.8,      413.7,     1259.2,          0.0);          ( 401488.9,
3782168.8,      428.6,     1259.2,          0.0);
    ( 401508.9, 3782168.8,      439.0,     1259.2,          0.0);          ( 401528.9,
3782168.8,      438.8,     1259.2,          0.0);
    ( 401548.9, 3782168.8,      441.0,     1259.2,          0.0);          ( 401568.9,
3782168.8,      447.5,     1259.2,          0.0);
    ( 401588.9, 3782168.8,      443.9,     1259.2,          0.0);          ( 401608.9,
3782168.8,      444.4,     1259.2,          0.0);
    ( 401628.9, 3782168.8,      442.7,     1259.2,          0.0);          ( 401648.9,
3782168.8,      439.9,     1259.2,          0.0);
    ( 401668.9, 3782168.8,      436.3,     1259.2,          0.0);          ( 401688.9,
3782168.8,      451.9,     1259.2,          0.0);
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     ( 401708.9, 3782168.8,     456.6,    1259.2,        0.0);        ( 401728.9,
3782168.8,     454.2,   1259.2,       0.0);
     ( 401748.9, 3782168.8,     442.9,    1259.2,        0.0);        ( 401768.9,
3782168.8,     436.3,   1259.2,       0.0);
     ( 401788.9, 3782168.8,     423.2,    1259.2,        0.0);        ( 401808.9,
3782168.8,     439.3,   1259.2,       0.0);
     ( 401828.9, 3782168.8,     455.2,    1259.2,        0.0);        ( 401848.9,
3782168.8,     468.2,   1259.2,       0.0);
     ( 401868.9, 3782168.8,     474.7,    1259.2,        0.0);        ( 401888.9,
3782168.8,     467.6,   1259.2,       0.0);
     ( 401908.9, 3782168.8,     453.7,    1259.2,        0.0);        ( 401928.9,
3782168.8,     435.5,   1259.2,       0.0);
     ( 401948.9, 3782168.8,     419.7,    1259.2,        0.0);        ( 401968.9,
3782168.8,     430.0,   1259.2,       0.0);
     ( 401988.9, 3782168.8,     444.0,    1259.2,        0.0);        ( 402008.9,
3782168.8,     448.2,   1259.2,       0.0);
     ( 402028.9, 3782168.8,     436.3,    1259.2,        0.0);        ( 402048.9,
3782168.8,     428.8,   1259.2,       0.0);
     ( 402068.9, 3782168.8,     422.0,    1259.2,        0.0);        ( 402088.9,
3782168.8,     412.4,   1259.2,       0.0);
     ( 402108.9, 3782168.8,     412.4,    1259.2,        0.0);        ( 402128.9,
3782168.8,     410.3,   1259.2,       0.0);
     ( 402148.9, 3782168.8,     402.9,    1259.2,        0.0);        ( 402168.9,
3782168.8,     388.9,   1259.2,       0.0);
     ( 402188.9, 3782168.8,     389.7,    1259.2,        0.0);        ( 402208.9,
3782168.8,     397.7,   1259.2,       0.0);
     ( 402228.9, 3782168.8,     420.0,    1259.2,        0.0);        ( 402248.9,
3782168.8,     433.4,   1259.2,       0.0);
     ( 402268.9, 3782168.8,     445.3,    1259.2,        0.0);        ( 402288.9,
3782168.8,     455.8,   1259.2,       0.0);
     ( 402308.9, 3782168.8,     465.9,    1259.2,        0.0);        ( 402328.9,
3782168.8,     475.7,   1259.2,       0.0);
     ( 402348.9, 3782168.8,     483.7,    1259.2,        0.0);        ( 402368.9,
3782168.8,     478.8,   1259.2,       0.0);
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 112
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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                                       *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                     (METERS)


     ( 402388.9, 3782168.8,     463.7,    1259.2,        0.0);        ( 402408.9,
3782168.8,     455.8,   1259.2,       0.0);
     ( 402428.9, 3782168.8,     437.5,    1259.2,        0.0);        ( 402448.9,
3782168.8,     418.3,   1259.2,       0.0);
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    ( 402468.9, 3782168.8,     417.6,    1259.2,        0.0);        ( 402488.9,
3782168.8,     439.1,    1259.2,        0.0);
    ( 402508.9, 3782168.8,     460.1,    1259.2,        0.0);        ( 401308.9,
3782188.8,     409.9,    1259.2,        0.0);
    ( 401328.9, 3782188.8,     418.9,    1259.2,        0.0);        ( 401348.9,
3782188.8,     417.2,    1259.2,        0.0);
    ( 401368.9, 3782188.8,     422.9,    1259.2,        0.0);        ( 401388.9,
3782188.8,     421.7,    1259.2,        0.0);
    ( 401408.9, 3782188.8,     420.5,    1259.2,        0.0);        ( 401428.9,
3782188.8,     420.6,    1259.2,        0.0);
    ( 401448.9, 3782188.8,     418.1,    1259.2,        0.0);        ( 401468.9,
3782188.8,     416.2,    1259.2,        0.0);
    ( 401488.9, 3782188.8,     421.4,    1259.2,        0.0);        ( 401508.9,
3782188.8,     440.0,    1259.2,        0.0);
    ( 401528.9, 3782188.8,     454.8,    1259.2,        0.0);        ( 401548.9,
3782188.8,     456.7,    1259.2,        0.0);
    ( 401568.9, 3782188.8,     464.8,    1259.2,        0.0);        ( 401588.9,
3782188.8,     461.2,    1259.2,        0.0);
    ( 401608.9, 3782188.8,     461.2,    1259.2,        0.0);        ( 401628.9,
3782188.8,     464.1,    1259.2,        0.0);
    ( 401648.9, 3782188.8,     464.8,    1259.2,        0.0);        ( 401668.9,
3782188.8,     456.2,    1259.2,        0.0);
    ( 401688.9, 3782188.8,     466.3,    1259.2,        0.0);        ( 401708.9,
3782188.8,     473.5,    1259.2,        0.0);
    ( 401728.9, 3782188.8,     466.4,    1259.2,        0.0);        ( 401748.9,
3782188.8,     456.8,    1259.2,        0.0);
    ( 401768.9, 3782188.8,     445.6,    1259.2,        0.0);        ( 401788.9,
3782188.8,     433.5,    1259.2,        0.0);
    ( 401808.9, 3782188.8,     446.9,    1259.2,        0.0);        ( 401828.9,
3782188.8,     464.3,    1259.2,        0.0);
    ( 401848.9, 3782188.8,     475.2,    1259.2,        0.0);        ( 401868.9,
3782188.8,     480.6,    1259.2,        0.0);
    ( 401888.9, 3782188.8,     470.2,    1259.2,        0.0);        ( 401908.9,
3782188.8,     457.7,    1259.2,        0.0);
    ( 401928.9, 3782188.8,     443.0,    1259.2,        0.0);        ( 401948.9,
3782188.8,     425.9,    1259.2,        0.0);
    ( 401968.9, 3782188.8,     436.0,    1259.2,        0.0);        ( 401988.9,
3782188.8,     453.9,    1259.2,        0.0);
    ( 402008.9, 3782188.8,     460.8,    1259.2,        0.0);        ( 402028.9,
3782188.8,     451.1,    1259.2,        0.0);
    ( 402048.9, 3782188.8,     442.5,    1259.2,        0.0);        ( 402068.9,
3782188.8,     425.8,    1259.2,        0.0);
    ( 402088.9, 3782188.8,     416.9,    1259.2,        0.0);        ( 402108.9,
3782188.8,     420.0,    1259.2,        0.0);
    ( 402128.9, 3782188.8,     416.5,    1259.2,        0.0);        ( 402148.9,
3782188.8,     402.9,    1259.2,        0.0);
    ( 402168.9, 3782188.8,     390.9,    1259.2,        0.0);        ( 402188.9,
3782188.8,     395.4,    1259.2,        0.0);
    ( 402208.9, 3782188.8,     405.6,    1259.2,        0.0);        ( 402228.9,
3782188.8,     416.2,    1259.2,        0.0);
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     ( 402248.9, 3782188.8,     426.2,    1259.2,        0.0);        ( 402268.9,
3782188.8,      437.1,    1259.2,       0.0);
     ( 402288.9, 3782188.8,     446.2,    1259.2,        0.0);        ( 402308.9,
3782188.8,      461.2,    1259.2,       0.0);
     ( 402328.9, 3782188.8,     475.2,    1259.2,        0.0);        ( 402348.9,
3782188.8,      490.8,    1259.2,       0.0);
     ( 402368.9, 3782188.8,     490.8,    1259.2,        0.0);        ( 402388.9,
3782188.8,      479.4,    1259.2,       0.0);
     ( 402408.9, 3782188.8,     462.8,    1259.2,        0.0);        ( 402428.9,
3782188.8,      440.3,    1259.2,       0.0);
     ( 402448.9, 3782188.8,     426.9,    1259.2,        0.0);        ( 402468.9,
3782188.8,      421.2,    1259.2,       0.0);
     ( 402488.9, 3782188.8,     444.0,    1259.2,        0.0);        ( 402508.9,
3782188.8,      464.3,    1259.2,       0.0);
     ( 401308.9, 3782208.8,     419.2,    1259.2,        0.0);        ( 401328.9,
3782208.8,      422.1,    1259.2,       0.0);
     ( 401348.9, 3782208.8,     428.0,    1259.2,        0.0);        ( 401368.9,
3782208.8,      430.3,    1259.2,       0.0);
     ( 401388.9, 3782208.8,     435.0,    1259.2,        0.0);        ( 401408.9,
3782208.8,      434.5,    1259.2,       0.0);
     ( 401428.9, 3782208.8,     432.2,    1259.2,        0.0);        ( 401448.9,
3782208.8,      432.6,    1259.2,       0.0);
     ( 401468.9, 3782208.8,     429.8,    1259.2,        0.0);        ( 401488.9,
3782208.8,      423.3,    1259.2,       0.0);
     ( 401508.9, 3782208.8,     436.0,    1259.2,        0.0);        ( 401528.9,
3782208.8,      455.5,    1259.2,       0.0);
     ( 401548.9, 3782208.8,     471.9,    1259.2,        0.0);        ( 401568.9,
3782208.8,      480.2,    1259.2,       0.0);
     ( 401588.9, 3782208.8,     477.2,    1259.2,        0.0);        ( 401608.9,
3782208.8,      480.2,    1259.2,       0.0);
     ( 401628.9, 3782208.8,     479.4,    1259.2,        0.0);        ( 401648.9,
3782208.8,      480.5,    1259.2,       0.0);
     ( 401668.9, 3782208.8,     470.5,    1259.2,        0.0);        ( 401688.9,
3782208.8,      480.7,    1259.2,       0.0);
     ( 401708.9, 3782208.8,     487.7,    1259.2,        0.0);        ( 401728.9,
3782208.8,      481.2,    1259.2,       0.0);
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** DISCRETE CARTESIAN RECEPTORS ***
                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                        (METERS)


```
     ( 401748.9, 3782208.8,     467.7,    1259.2,        0.0);        ( 401768.9,
3782208.8,      451.1,    1259.2,       0.0);
```

```
( 401788.9, 3782208.8,    442.4,   1259.2,       0.0);        ( 401808.9,
3782208.8,    458.1,   1259.2,       0.0);
( 401828.9, 3782208.8,    474.0,   1259.2,       0.0);        ( 401848.9,
3782208.8,    486.7,   1259.2,       0.0);
( 401868.9, 3782208.8,    488.5,   1259.2,       0.0);        ( 401888.9,
3782208.8,    479.0,   1259.2,       0.0);
( 401908.9, 3782208.8,    462.4,   1259.2,       0.0);        ( 401928.9,
3782208.8,    444.5,   1259.2,       0.0);
( 401948.9, 3782208.8,    430.0,   1259.2,       0.0);        ( 401968.9,
3782208.8,    444.4,   1259.2,       0.0);
( 401988.9, 3782208.8,    465.6,   1259.2,       0.0);        ( 402008.9,
3782208.8,    473.2,   1259.2,       0.0);
( 402028.9, 3782208.8,    458.8,   1259.2,       0.0);        ( 402048.9,
3782208.8,    440.4,   1259.2,       0.0);
( 402068.9, 3782208.8,    425.2,   1259.2,       0.0);        ( 402088.9,
3782208.8,    427.4,   1259.2,       0.0);
( 402108.9, 3782208.8,    427.9,   1259.2,       0.0);        ( 402128.9,
3782208.8,    416.0,   1259.2,       0.0);
( 402148.9, 3782208.8,    407.4,   1259.2,       0.0);        ( 402168.9,
3782208.8,    400.3,   1259.2,       0.0);
( 402188.9, 3782208.8,    392.7,   1259.2,       0.0);        ( 402208.9,
3782208.8,    407.1,   1259.2,       0.0);
( 402228.9, 3782208.8,    413.1,   1259.2,       0.0);        ( 402248.9,
3782208.8,    421.5,   1259.2,       0.0);
( 402268.9, 3782208.8,    435.3,   1259.2,       0.0);        ( 402288.9,
3782208.8,    449.9,   1259.2,       0.0);
( 402308.9, 3782208.8,    463.6,   1259.2,       0.0);        ( 402328.9,
3782208.8,    479.2,   1259.2,       0.0);
( 402348.9, 3782208.8,    493.0,   1259.2,       0.0);        ( 402368.9,
3782208.8,    500.5,   1259.2,       0.0);
( 402388.9, 3782208.8,    485.5,   1259.2,       0.0);        ( 402408.9,
3782208.8,    466.9,   1259.2,       0.0);
( 402428.9, 3782208.8,    452.2,   1259.2,       0.0);        ( 402448.9,
3782208.8,    432.0,   1259.2,       0.0);
( 402468.9, 3782208.8,    422.6,   1259.2,       0.0);        ( 402488.9,
3782208.8,    441.3,   1259.2,       0.0);
( 402508.9, 3782208.8,    462.5,   1259.2,       0.0);        ( 402116.1,
3781609.3,    337.3,   1259.2,       0.0);
( 402111.6, 3781631.8,    339.5,   1259.2,       0.0);        ( 402072.8,
3781724.6,    352.4,   1259.2,       0.0);
( 402058.7, 3781776.9,    357.6,   1259.2,       0.0);        ( 402061.5,
3781812.9,    361.2,   1259.2,       0.0);
( 402065.5, 3781834.9,    364.4,   1259.2,       0.0);        ( 401913.1,
3781829.8,    362.0,   1259.2,       0.0);
( 401870.3, 3781887.2,    368.2,   1259.2,       0.0);        ( 401788.8,
3781884.9,    371.5,   1259.2,       0.0);
( 401791.0, 3781611.6,    340.6,   1259.2,       0.0);
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                   LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

                          SOURCE   - - RECEPTOR LOCATION - -
DISTANCE
                           ID   XR (METERS)   YR (METERS)
(METERS)
                          -
- - -

                          L0000898   402088.9   3781688.8
-1.60
                          L0000899   402088.9   3781688.8
-0.74
                          L0000912   402108.9   3781648.8
-1.01
                          L0000913   402108.9   3781648.8
-1.84
                          L0000937   402168.9   3781608.8
-0.55
                          L0000938   402168.9   3781608.8
-1.05
                          L0000943   402188.9   3781608.8
0.51
                          L0000944   402188.9   3781608.8
-1.43
                          L0000945   402188.9   3781608.8
0.35
                          L0000950   402208.9   3781608.8
-0.94
                          L0000951   402208.9   3781608.8
-0.69
                          L0000956   402228.9   3781608.8
-0.15
                          L0000957   402228.9   3781608.8
-2.59
                          L0000958   402228.9   3781608.8
0.23
                          L0000977   402288.9   3781588.8
0.79
                          L0000983   402308.9   3781588.8

```
-1.60
                              L0000984           402308.9        3781588.8
-1.35
                              L0000989           402328.9        3781588.8
-0.06
                              L0000990           402328.9        3781588.8
-1.60
                              L0000991           402328.9        3781588.8
0.72
                              L0000996           402348.9        3781588.8
-1.03
                              L0000997           402348.9        3781588.8
-0.22
                              L0001002           402368.9        3781588.8
-0.16
                              L0001003           402368.9        3781588.8
-0.93
                              L0001008           402388.9        3781588.8
0.94
                              L0001009           402388.9        3781588.8
-0.99
                              L0001010           402388.9        3781588.8
0.35
                              L0001015           402408.9        3781588.8
-0.37
                              L0001016           402408.9        3781588.8
-0.45
                              L0001021           402428.9        3781588.8
0.60
                              L0001022           402428.9        3781588.8
-0.79
                              L0001023           402428.9        3781588.8
0.94
                              L0001028           402448.9        3781588.8
-0.46
                              L0001029           402448.9        3781588.8
0.06
                              L0001034           402468.9        3781588.8
0.34
                              L0001035           402468.9        3781588.8
-0.46
                              L0001041           402488.9        3781588.8
-0.42
                              L0001042           402488.9        3781588.8
0.60
                              L0001047           402508.9        3781588.8
0.17
                              L0001048           402508.9        3781588.8
-0.05
```

                              PAGE 115
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *

                  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

                            SOURCE   - - RECEPTOR LOCATION - -
DISTANCE

                             ID   XR (METERS)   YR (METERS)
(METERS)

                            -
- - -

                            L0001208   403013.2   3781577.6
0.96
                            L0001209   403013.2   3781577.6
-1.61
                            L0001210   403013.2   3781577.6
-0.40
                            L0001298   403013.2   3781314.0
0.95
                            L0001299   403013.2   3781314.0
-1.87
                            L0001300   403013.2   3781314.0
-0.67
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 116
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                      *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                            (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1

```
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
```

                  NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.

                              *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***

                                                (METERS/SEC)

                                          1.54,   3.09,   5.14,   8.23,
10.80,

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 117
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file: ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.SFC
                Met Version: 16216
   Profile file: ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:   3179   Upper air station no.:   3190
               Name: UNKNOWN   Name: UNKNOWN

               Year: 2012   Year: 2012

 First 24 hours of scalar data
 YR MO DY JDY HR   H0   U*   W* DT/DZ ZICNV ZIMCH M-O LEN   Z0 BOWEN
ALBEDO REF WS   WD   HT REF TA   HT
- -
- - - - - - - - - - - - - - - - - - - -

```
 12 01 01   1 01  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80   20.    9.1 293.1    5.5
 12 01 01   1 02  -32.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.36   1.68
1.00    2.70   99.    9.1 293.1    5.5
 12 01 01   1 03  -26.4  0.277 -9.000 -9.000 -999.  351.     84.1  0.36   1.68
1.00    2.20   14.    9.1 292.0    5.5
 12 01 01   1 04  -32.6  0.342 -9.000 -9.000 -999.  480.    128.9  0.36   1.68
1.00    2.70   10.    9.1 292.5    5.5
 12 01 01   1 05  -26.4  0.277 -9.000 -9.000 -999.  351.     84.1  0.36   1.68
1.00    2.20   12.    9.1 292.5    5.5
 12 01 01   1 06  -21.6  0.224 -9.000 -9.000 -999.  256.     55.2  0.36   1.68
1.00    1.80  118.    9.1 289.2    5.5
 12 01 01   1 07  -26.6  0.277 -9.000 -9.000 -999.  349.     84.1  0.36   1.68
1.00    2.20   64.    9.1 290.9    5.5
 12 01 01   1 08   -1.3  0.062 -9.000 -9.000 -999.  124.     16.5  0.36   1.68
0.55    0.40   36.    9.1 290.9    5.5
 12 01 01   1 09   38.1  0.160  0.348  0.008   39.  153.     -9.5  0.36   1.68
0.32    0.90  124.    9.1 293.8    5.5
 12 01 01   1 10   99.5  0.179  0.693  0.007  119.  181.     -5.1  0.36   1.68
0.25    0.90   21.    9.1 298.1    5.5
 12 01 01   1 11  142.6  0.494  1.086  0.005  321.  832.    -75.2  0.36   1.68
0.22    3.60  141.    9.1 299.9    5.5
 12 01 01   1 12  162.8  0.442  1.385  0.005  582.  709.    -47.3  0.36   1.68
0.21    3.10  122.    9.1 299.9    5.5
 12 01 01   1 13  164.4  0.298  1.634  0.005  946.  405.    -14.3  0.36   1.68
0.21    1.80  114.    9.1 300.9    5.5
 12 01 01   1 14  142.7  0.293  1.718  0.005 1265.  382.    -15.8  0.36   1.68
0.22    1.80   93.    9.1 302.5    5.5
 12 01 01   1 15   96.7  0.283  1.575  0.005 1438.  361.    -20.7  0.36   1.68
0.26    1.80  110.    9.1 303.8    5.5
 12 01 01   1 16   41.5  0.207  1.201  0.005 1485.  228.    -18.9  0.36   1.68
0.35    1.30  113.    9.1 304.2    5.5
 12 01 01   1 17  -37.8  0.464 -9.000 -9.000 -999.  757.    236.3  0.36   1.68
0.62    3.60  251.    9.1 300.9    5.5
 12 01 01   1 18  -26.1  0.277 -9.000 -9.000 -999.  379.     84.2  0.36   1.68
1.00    2.20    8.    9.1 296.4    5.5
 12 01 01   1 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.36   1.68
1.00  999.00  999.   -9.0 295.9    5.5
 12 01 01   1 20   -5.7  0.107 -9.000 -9.000 -999.   84.     19.3  0.36   1.68
1.00    0.90   35.    9.1 295.4    5.5
 12 01 01   1 21  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80  213.    9.1 293.8    5.5
 12 01 01   1 22  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80   52.    9.1 293.8    5.5
 12 01 01   1 23  -26.3  0.277 -9.000 -9.000 -999.  349.     84.2  0.36   1.68
1.00    2.20   58.    9.1 293.8    5.5
 12 01 01   1 24  -21.4  0.224 -9.000 -9.000 -999.  256.     55.3  0.36   1.68
1.00    1.80   83.    9.1 292.5    5.5
```

```
 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR   WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   5.5 0 -999. -99.00  293.2  99.0  -99.00  -99.00
 12 01 01 01   9.1 1   20.   1.80  -999.0  99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 ↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***       04/07/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       05:36:20


                                PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                             *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                INCLUDING SOURCE(S):    L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .    ,


                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                             ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


      X-COORD (M)   Y-COORD (M)      CONC                    X-COORD (M)
Y-COORD (M)      CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
        399067.96   3778941.97      0.11878                  399349.76
3778941.97      0.12813
        399631.56   3778941.97      0.13798                  399913.36
3778941.97      0.14919
        400195.16   3778941.97      0.16014                  400476.96
3778941.97      0.17093
        400758.76   3778941.97      0.18053                  401040.56
3778941.97      0.18840
        401322.36   3778941.97      0.19362                  401604.16
3778941.97      0.19608
        401885.96   3778941.97      0.19605                  402167.76
3778941.97      0.19364
        402449.56   3778941.97      0.18865                  402731.36
3778941.97      0.18130
        403013.16   3778941.97      0.17269                  403294.96
```

```
3778941.97        0.16286
        403576.76    3778941.97        0.15203                    403858.56
3778941.97        0.14137
        404140.36    3778941.97        0.13020                    404422.16
3778941.97        0.12087
        404703.96    3778941.97        0.11211                    399067.96
3779205.53        0.12792
        399349.76    3779205.53        0.13873                    399631.56
3779205.53        0.15066
        399913.36    3779205.53        0.16452                    400195.16
3779205.53        0.17868
        400476.96    3779205.53        0.19270                    400758.76
3779205.53        0.20603
        401040.56    3779205.53        0.21690                    401322.36
3779205.53        0.22791
        401604.16    3779205.53        0.23050                    401885.96
3779205.53        0.23098
        402167.76    3779205.53        0.22804                    402449.56
3779205.53        0.22117
        402731.36    3779205.53        0.21077                    403013.16
3779205.53        0.19857
        403294.96    3779205.53        0.18514                    403576.76
3779205.53        0.17117
        403858.56    3779205.53        0.15726                    404140.36
3779205.53        0.14390
        404422.16    3779205.53        0.13181                    404703.96
3779205.53        0.12121
        399067.96    3779469.09        0.13778                    399349.76
3779469.09        0.15032
        399631.56    3779469.09        0.16470                    399913.36
3779469.09        0.18206
        400195.16    3779469.09        0.20003                    400476.96
3779469.09        0.21861
        400758.76    3779469.09        0.23701                    401040.56
3779469.09        0.25567
        401322.36    3779469.09        0.26838                    401604.16
3779469.09        0.27559
        401885.96    3779469.09        0.27801                    402167.76
3779469.09        0.27343
        402449.56    3779469.09        0.26368                    402731.36
3779469.09        0.24937
        403013.16    3779469.09        0.23111                    403294.96
3779469.09        0.21252
        403576.76    3779469.09        0.19341                    403858.56
3779469.09        0.17547
        404140.36    3779469.09        0.15888                    404422.16
3779469.09        0.14367
        404703.96    3779469.09        0.13088                    399067.96
3779732.65        0.14814
        399349.76    3779732.65        0.16314                    399631.56
```

```
3779732.65        0.18082
         399913.36     3779732.65          0.20191                           400195.16
3779732.65        0.22468
         400476.96     3779732.65          0.24944                           400758.76
3779732.65        0.28188
         401040.56     3779732.65          0.30564                           401322.36
3779732.65        0.32473
         401604.16     3779732.65          0.33773                           401885.96
3779732.65        0.34208
         402167.76     3779732.65          0.33583                           402449.56
3779732.65        0.32062
         402731.36     3779732.65          0.29863                           403013.16
3779732.65        0.27227
         403294.96     3779732.65          0.24549                           403576.76
3779732.65        0.22008
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

                              PAGE 119
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                               INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                               ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         403858.56   3779732.65   0.19633   404140.36
3779732.65   0.17467
         404422.16   3779732.65   0.15692   404703.96
3779732.65   0.14116
         399067.96   3779996.21   0.15885   399349.76
3779996.21   0.17680
```

399631.56	3779996.21	0.19812	399913.36
3779996.21	0.22381		
400195.16	3779996.21	0.25338	400476.96
3779996.21	0.28784		
400758.76	3779996.21	0.33473	401040.56
3779996.21	0.37047		
401322.36	3779996.21	0.40293	401604.16
3779996.21	0.42645		
401885.96	3779996.21	0.43456	402167.76
3779996.21	0.42509		
402449.56	3779996.21	0.39836	402731.36
3779996.21	0.36445		
403013.16	3779996.21	0.32675	403294.96
3779996.21	0.28700		
403576.76	3779996.21	0.25100	403858.56
3779996.21	0.21958		
404140.36	3779996.21	0.19299	404422.16
3779996.21	0.17080		
404703.96	3779996.21	0.15212	399067.96
3780259.77	0.16989		
399349.76	3780259.77	0.19048	399631.56
3780259.77	0.21635		
399913.36	3780259.77	0.24801	400195.16
3780259.77	0.28741		
400476.96	3780259.77	0.34547	400758.76
3780259.77	0.40080		
401040.56	3780259.77	0.45883	401322.36
3780259.77	0.51577		
401604.16	3780259.77	0.55804	401885.96
3780259.77	0.57326		
402167.76	3780259.77	0.55570	402449.56
3780259.77	0.51244		
402731.36	3780259.77	0.45542	403013.16
3780259.77	0.39413		
403294.96	3780259.77	0.33669	403576.76
3780259.77	0.28706		
403858.56	3780259.77	0.24597	404140.36
3780259.77	0.21240		
404422.16	3780259.77	0.18562	404703.96
3780259.77	0.16373		
399067.96	3780523.33	0.18080	399349.76
3780523.33	0.20466		
399631.56	3780523.33	0.23465	399913.36
3780523.33	0.27412		
400195.16	3780523.33	0.32854	400476.96
3780523.33	0.39307		
400758.76	3780523.33	0.48705	401040.56
3780523.33	0.58271		
401322.36	3780523.33	0.68492	401604.16
3780523.33	0.77065		

```
        401885.96    3780523.33         0.80297                          402167.76
3780523.33       0.76836
        402449.56    3780523.33         0.68709                          402731.36
3780523.33       0.58532
        403013.16    3780523.33         0.48370                          403294.96
3780523.33       0.39734
        403576.76    3780523.33         0.32883                          403858.56
3780523.33       0.27551
        404140.36    3780523.33         0.23311                          404422.16
3780523.33       0.20052
        404703.96    3780523.33         0.17507                          399067.96
3780786.89       0.19060
        399349.76    3780786.89         0.21837                          399631.56
3780786.89       0.24849
        399913.36    3780786.89         0.29970                          400195.16
3780786.89       0.36802
        400476.96    3780786.89         0.46366                          400758.76
3780786.89       0.59746
        401040.56    3780786.89         0.75829                          401322.36
3780786.89       0.95876
        401604.16    3780786.89         1.14589                          401885.96
3780786.89       1.22367
        402167.76    3780786.89         1.14291                          402449.56
3780786.89       0.97040
```

↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

                              PAGE 120

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)

Y-COORD (M)   CONC
 -
 -
        402731.36   3780786.89   0.76984   403013.16
3780786.89   0.59792
        403294.96   3780786.89   0.47018   403576.76
3780786.89   0.37693
        403858.56   3780786.89   0.30824   404140.36
3780786.89   0.25467
        404422.16   3780786.89   0.21580   404703.96
3780786.89   0.18924
        399067.96   3781050.45   0.19972   399349.76
3781050.45   0.23113
        399631.56   3781050.45   0.27093   399913.36
3781050.45   0.32124
        400195.16   3781050.45   0.40856   400476.96
3781050.45   0.53911
        400758.76   3781050.45   0.73128   401040.56
3781050.45   1.00466
        401322.36   3781050.45   1.40633   401604.16
3781050.45   1.89008
        401885.96   3781050.45   2.15763   402167.76
3781050.45   1.92378
        402449.56   3781050.45   1.45858   402731.36
3781050.45   1.03393
        403013.16   3781050.45   0.74743   403294.96
3781050.45   0.55848
        403576.76   3781050.45   0.43001   403858.56
3781050.45   0.34121
        404140.36   3781050.45   0.27785   404422.16
3781050.45   0.23351
        404703.96   3781050.45   0.20428   399067.96
3781314.01   0.20786
        399349.76   3781314.01   0.23945   399631.56
3781314.01   0.28551
        399913.36   3781314.01   0.35892   400195.16
3781314.01   0.47998
        400476.96   3781314.01   0.61365   400758.76
3781314.01   0.87234
        401040.56   3781314.01   1.31548   401322.36
3781314.01   2.13535
        401604.16   3781314.01   3.62870   401885.96
3781314.01   5.10521
        402167.76   3781314.01   4.03227   402449.56
3781314.01   2.32994
        402731.36   3781314.01   1.42990   403013.16
3781314.01   0.93159
        403294.96   3781314.01   0.65707   403576.76
3781314.01   0.48411
        403858.56   3781314.01   0.37458   404140.36

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3781314.01         0.29777
        404422.16    3781314.01         0.25667                         404703.96
3781314.01         0.22017
        399067.96    3781577.57         0.21038                         399349.76
3781577.57         0.24406
        399631.56    3781577.57         0.30216                         399913.36
3781577.57         0.39467
        400195.16    3781577.57         0.51265                         400476.96
3781577.57         0.68406
        400758.76    3781577.57         0.97227                         401040.56
3781577.57         1.56168
        401322.36    3781577.57         2.90156                         401604.16
3781577.57         7.83750
        401885.96    3781577.57        35.64022                         402167.76
3781577.57        13.13604
        402449.56    3781577.57         3.82001                         402731.36
3781577.57         1.90562
        403013.16    3781577.57         1.12678                         403294.96
3781577.57         0.75460
        403576.76    3781577.57         0.54722                         403858.56
3781577.57         0.43942
        404140.36    3781577.57         0.33270                         404422.16
3781577.57         0.28590
        404703.96    3781577.57         0.23841                         399067.96
3781841.13         0.21159
        399349.76    3781841.13         0.25249                         399631.56
3781841.13         0.32599
        399913.36    3781841.13         0.40220                         400195.16
3781841.13         0.52328
        400476.96    3781841.13         0.68932                         400758.76
3781841.13         0.99033
        401040.56    3781841.13         1.27756                         401322.36
3781841.13         2.20897
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026

```
, L0000027   , L0000028   , . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)      CONC                    X-COORD (M)
Y-COORD (M)      CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
          401604.16    3781841.13      7.15857                  402167.76
3781841.13     15.07309
          402449.56    3781841.13      5.34794                  402731.36
3781841.13      2.62575
          403013.16    3781841.13      1.85440                  403294.96
3781841.13      1.20511
          403576.76    3781841.13      0.90729                  403858.56
3781841.13      0.44727
          404140.36    3781841.13      0.36791                  404422.16
3781841.13      0.38482
          404703.96    3781841.13      0.27373                  399067.96
3782104.69      0.21157
          399349.76    3782104.69      0.25824                  399631.56
3782104.69      0.32214
          399913.36    3782104.69      0.37383                  400195.16
3782104.69      0.41548
          400476.96    3782104.69      0.47390                  400758.76
3782104.69      0.83501
          401040.56    3782104.69      0.76348                  401322.36
3782104.69      0.92121
          401604.16    3782104.69      1.44468                  401885.96
3782104.69      1.64678
          402167.76    3782104.69      2.85094                  402449.56
3782104.69      2.09733
          402731.36    3782104.69      1.88007                  403013.16
3782104.69      1.54996
          403294.96    3782104.69      1.16801                  403576.76
3782104.69      0.86747
          403858.56    3782104.69      0.46306                  404140.36
3782104.69      0.52083
          404422.16    3782104.69      0.41809                  404703.96
3782104.69      0.39122
          399067.96    3782368.25      0.21009                  399349.76
3782368.25      0.25481
          399631.56    3782368.25      0.27496                  399913.36
3782368.25      0.26437
          400195.16    3782368.25      0.30296                  400476.96
3782368.25      0.28354
```

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         400758.76     3782368.25          0.37187                              401040.56
3782368.25        0.32316
         401322.36     3782368.25          0.42373                              401604.16
3782368.25        0.45072
         401885.96     3782368.25          0.50529                              402167.76
3782368.25        0.62696
         402449.56     3782368.25          0.58884                              402731.36
3782368.25        0.66818
         403013.16     3782368.25          0.75814                              403294.96
3782368.25        0.79384
         403576.76     3782368.25          0.75692                              403858.56
3782368.25        0.67858
         404140.36     3782368.25          0.56147                              404422.16
3782368.25        0.47145
         404703.96     3782368.25          0.38724                              399067.96
3782631.81        0.20615
         399349.76     3782631.81          0.17182                              399631.56
3782631.81        0.25399
         399913.36     3782631.81          0.15460                              400195.16
3782631.81        0.17593
         400476.96     3782631.81          0.17780                              400758.76
3782631.81        0.19615
         401040.56     3782631.81          0.19544                              401322.36
3782631.81        0.21369
         401604.16     3782631.81          0.26017                              401885.96
3782631.81        0.27710
         402167.76     3782631.81          0.29097                              402449.56
3782631.81        0.29629
         402731.36     3782631.81          0.30588                              403013.16
3782631.81        0.34479
         403294.96     3782631.81          0.39080                              403576.76
3782631.81        0.43054
         403858.56     3782631.81          0.45185                              404140.36
3782631.81        0.44620
         404422.16     3782631.81          0.42324                              404703.96
3782631.81        0.38917
         399067.96     3782895.37          0.20049                              399349.76
3782895.37        0.22421
         399631.56     3782895.37          0.10508                              399913.36
3782895.37        0.15405
         400195.16     3782895.37          0.11863                              400476.96
3782895.37        0.13255
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 122
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
              L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
              L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
              L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .     ,


                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10    IN MICROGRAMS/M**3
            **


     X-COORD (M)    Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
         400758.76    3782895.37        0.12735                    401040.56
3782895.37        0.13868
         401322.36    3782895.37        0.14890                    401604.16
3782895.37        0.17322
         401885.96    3782895.37        0.17078                    402167.76
3782895.37        0.17229
         402449.56    3782895.37        0.18757                    402731.36
3782895.37        0.19284
         403013.16    3782895.37        0.19636                    403294.96
3782895.37        0.21897
         403576.76    3782895.37        0.24852                    403858.56
3782895.37        0.26519
         404140.36    3782895.37        0.28029                    404422.16
3782895.37        0.29041
         404703.96    3782895.37        0.29479                    399067.96
3783158.93        0.17696
         399349.76    3783158.93        0.11589                    399631.56
3783158.93        0.07496
         399913.36    3783158.93        0.08849                    400195.16
3783158.93        0.09057
         400476.96    3783158.93        0.09368                    400758.76
3783158.93        0.10264
         401040.56    3783158.93        0.10018                    401322.36
3783158.93        0.11269
         401604.16    3783158.93        0.12545                    401885.96
3783158.93        0.12148
         402167.76    3783158.93        0.11948                    402449.56
3783158.93        0.12971
         402731.36    3783158.93        0.13567                    403013.16
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X	Y	Value
	3783158.93	0.12344
403294.96	3783158.93	0.14240
403576.76	3783158.93	0.15720
403858.56	3783158.93	0.17108
404140.36	3783158.93	0.18146
404422.16	3783158.93	0.19047
404703.96	3783158.93	0.19944
399067.96	3783422.49	0.08414
399349.76	3783422.49	0.06245
399631.56	3783422.49	0.06631
399913.36	3783422.49	0.06811
400195.16	3783422.49	0.06902
400476.96	3783422.49	0.07441
400758.76	3783422.49	0.07573
401040.56	3783422.49	0.08081
401322.36	3783422.49	0.08710
401604.16	3783422.49	0.09588
401885.96	3783422.49	0.09247
402167.76	3783422.49	0.09056
402449.56	3783422.49	0.09556
402731.36	3783422.49	0.10241
403013.16	3783422.49	0.09033
403294.96	3783422.49	0.10540
403576.76	3783422.49	0.11076
403858.56	3783422.49	0.11790
404140.36	3783422.49	0.12689
404422.16	3783422.49	0.13178
404703.96	3783422.49	0.12991
399067.96	3783686.05	0.04984
399349.76	3783686.05	0.05184
399631.56	3783686.05	0.05193
399913.36	3783686.05	0.05439
400195.16	3783686.05	0.05814
400476.96	3783686.05	0.05892
400758.76	3783686.05	0.06090
401040.56	3783686.05	0.06847
401322.36	3783686.05	0.06998
401604.16	3783686.05	0.07585
401885.96	3783686.05	0.06428
402167.76	3783686.05	0.06133
402449.56	3783686.05	0.06461
402731.36	3783686.05	0.06044
403013.16	3783686.05	0.04898
403294.96	3783686.05	0.08214
403576.76	3783686.05	0.08454
403858.56	3783686.05	0.08763
404140.36	3783686.05	0.09166
404422.16	3783686.05	0.09824
404703.96	3783686.05	0.08319
399067.96	3783949.61	0.04287
399349.76		

```
3783949.61        0.04254
♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***    ***
                          ***        05:36:20


                                PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                               INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005     ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013     ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021     ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .       ,


                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                               ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


     X-COORD (M)   Y-COORD (M)      CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        399631.56   3783949.61      0.04459                    399913.36
3783949.61        0.04753
        400195.16   3783949.61      0.04794                    400476.96
3783949.61        0.04821
        400758.76   3783949.61      0.05174                    401040.56
3783949.61        0.05789
        401322.36   3783949.61      0.05893                    401604.16
3783949.61        0.05934
        401885.96   3783949.61      0.03319                    402167.76
3783949.61        0.02853
        402449.56   3783949.61      0.03707                    402731.36
3783949.61        0.03084
        403013.16   3783949.61      0.06120                    403294.96
3783949.61        0.06930
        403576.76   3783949.61      0.06908                    403858.56
3783949.61        0.06959
        404140.36   3783949.61      0.07078                    404422.16
3783949.61        0.06093
        404703.96   3783949.61      0.05604                    399067.96
3784213.17        0.03576
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       399349.76     3784213.17        0.03730                        399631.56
3784213.17        0.04003
       399913.36     3784213.17        0.04074                        400195.16
3784213.17        0.03493
       400476.96     3784213.17        0.03192                        400758.76
3784213.17        0.03055
       401040.56     3784213.17        0.04810                        401322.36
3784213.17        0.05083
       401604.16     3784213.17        0.05377                        401885.96
3784213.17        0.02363
       402167.76     3784213.17        0.01325                        402449.56
3784213.17        0.02006
       402731.36     3784213.17        0.04491                        403013.16
3784213.17        0.05507
       403294.96     3784213.17        0.05915                        403576.76
3784213.17        0.05790
       403858.56     3784213.17        0.05140                        404140.36
3784213.17        0.04092
       404422.16     3784213.17        0.03130                        404703.96
3784213.17        0.04470
       401308.88     3781008.78        1.30063                        401328.88
3781008.78        1.32835
       401348.88     3781008.78        1.35784                        401368.88
3781008.78        1.38876
       401388.88     3781008.78        1.41568                        401408.88
3781008.78        1.44068
       401428.88     3781008.78        1.47383                        401448.88
3781008.78        1.50667
       401468.88     3781008.78        1.53483                        401488.88
3781008.78        1.56350
       401508.88     3781008.78        1.59422                        401528.88
3781008.78        1.62222
       401548.88     3781008.78        1.64945                        401568.88
3781008.78        1.67821
       401588.88     3781008.78        1.70569                        401608.88
3781008.78        1.73640
       401628.88     3781008.78        1.76451                        401648.88
3781008.78        1.78954
       401668.88     3781008.78        1.81379                        401688.88
3781008.78        1.83469
       401708.88     3781008.78        1.85139                        401728.88
3781008.78        1.86844
       401748.88     3781008.78        1.88336                        401768.88
3781008.78        1.89611
       401788.88     3781008.78        1.90889                        401808.88
3781008.78        1.91875
       401828.88     3781008.78        1.92981                        401848.88
3781008.78        1.93907
       401868.88     3781008.78        1.94177                        401888.88
3781008.78        1.94412
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          401908.88    3781008.78         1.94374                          401928.88
3781008.78         1.94083
          401948.88    3781008.78         1.93559                          401968.88
3781008.78         1.92789
          401988.88    3781008.78         1.91813                          402008.88
3781008.78         1.90633
          402028.88    3781008.78         1.88757                          402048.88
3781008.78         1.87475
          402068.88    3781008.78         1.85877                          402088.88
3781008.78         1.83825
```
↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

                              PAGE 124
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
          402108.88   3781008.78   1.81943   402128.88
3781008.78   1.79746
          402148.88   3781008.78   1.77338   402168.88
3781008.78   1.74663
          402188.88   3781008.78   1.72230   402208.88
3781008.78   1.69844
          402228.88   3781008.78   1.67525   402248.88
3781008.78   1.64967
          402268.88   3781008.78   1.62147   402288.88
3781008.78   1.59341
          402308.88   3781008.78   1.56343   402328.88
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```
3781008.78        1.53649
        402348.88    3781008.78        1.50659                    402368.88
3781008.78        1.47806
        402388.88    3781008.78        1.44970                    402408.88
3781008.78        1.42074
        402428.88    3781008.78        1.39219                    402448.88
3781008.78        1.36306
        402468.88    3781008.78        1.33417                    402488.88
3781008.78        1.30612
        402508.88    3781008.78        1.27623                    401308.88
3781028.78        1.34138
        401328.88    3781028.78        1.37000                    401348.88
3781028.78        1.40302
        401368.88    3781028.78        1.43338                    401388.88
3781028.78        1.46086
        401408.88    3781028.78        1.49986                    401428.88
3781028.78        1.52919
        401448.88    3781028.78        1.55971                    401468.88
3781028.78        1.59426
        401488.88    3781028.78        1.62265                    401508.88
3781028.78        1.65329
        401528.88    3781028.78        1.68503                    401548.88
3781028.78        1.71540
        401568.88    3781028.78        1.74632                    401588.88
3781028.78        1.77555
        401608.88    3781028.78        1.80757                    401628.88
3781028.78        1.84164
        401648.88    3781028.78        1.86870                    401668.88
3781028.78        1.89407
        401688.88    3781028.78        1.91744                    401708.88
3781028.78        1.93725
        401728.88    3781028.78        1.95635                    401748.88
3781028.78        1.97361
        401768.88    3781028.78        1.98749                    401788.88
3781028.78        2.00142
        401808.88    3781028.78        2.01309                    401828.88
3781028.78        2.02594
        401848.88    3781028.78        2.03604                    401868.88
3781028.78        2.03834
        401888.88    3781028.78        2.04385                    401908.88
3781028.78        2.04260
        401928.88    3781028.78        2.04019                    401948.88
3781028.78        2.03551
        401968.88    3781028.78        2.02678                    401988.88
3781028.78        2.01520
        402008.88    3781028.78        2.00138                    402028.88
3781028.78        1.98184
        402048.88    3781028.78        1.96618                    402068.88
3781028.78        1.94881
        402088.88    3781028.78        1.92760                    402108.88
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3781028.78        1.90267
         402128.88    3781028.78        1.87907                          402148.88
3781028.78        1.85453
         402168.88    3781028.78        1.82478                          402188.88
3781028.78        1.79897
         402208.88    3781028.78        1.77299                          402228.88
3781028.78        1.74819
         402248.88    3781028.78        1.72004                          402268.88
3781028.78        1.68966
         402288.88    3781028.78        1.65907                          402308.88
3781028.78        1.62600
         402328.88    3781028.78        1.59713                          402348.88
3781028.78        1.56353
         402368.88    3781028.78        1.53301                          402388.88
3781028.78        1.50286
         402408.88    3781028.78        1.47110                          402428.88
3781028.78        1.43949
         402448.88    3781028.78        1.40745                          402468.88
3781028.78        1.37748
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                               ** CONC OF PM_10   IN MICROGRAMS/M**3
          **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402488.88   3781028.78   1.34653   402508.88
3781028.78   1.31573
```
```

401308.88	3781048.78	1.38154	401328.88	
3781048.78	1.41415			
401348.88	3781048.78	1.44703	401368.88	
3781048.78	1.47929			
401388.88	3781048.78	1.51197	401408.88	
3781048.78	1.54851			
401428.88	3781048.78	1.58388	401448.88	
3781048.78	1.61922			
401468.88	3781048.78	1.65196	401488.88	
3781048.78	1.68395			
401508.88	3781048.78	1.72362	401528.88	
3781048.78	1.75514			
401548.88	3781048.78	1.78616	401568.88	
3781048.78	1.81858			
401588.88	3781048.78	1.85150	401608.88	
3781048.78	1.89162			
401628.88	3781048.78	1.92859	401648.88	
3781048.78	1.95948			
401668.88	3781048.78	1.98399	401688.88	
3781048.78	2.00554			
401708.88	3781048.78	2.02961	401728.88	
3781048.78	2.05083			
401748.88	3781048.78	2.06961	401768.88	
3781048.78	2.08594			
401788.88	3781048.78	2.10163	401808.88	
3781048.78	2.11410			
401828.88	3781048.78	2.12921	401848.88	
3781048.78	2.13926			
401868.88	3781048.78	2.14349	401888.88	
3781048.78	2.14814			
401908.88	3781048.78	2.14629	401928.88	
3781048.78	2.14486			
401948.88	3781048.78	2.13947	401968.88	
3781048.78	2.12833			
401988.88	3781048.78	2.11633	402008.88	
3781048.78	2.10001			
402028.88	3781048.78	2.07714	402048.88	
3781048.78	2.06317			
402068.88	3781048.78	2.04287	402088.88	
3781048.78	2.02126			
402108.88	3781048.78	1.99346	402128.88	
3781048.78	1.96929			
402148.88	3781048.78	1.94068	402168.88	
3781048.78	1.91515			
402188.88	3781048.78	1.88408	402208.88	
3781048.78	1.85260			
402228.88	3781048.78	1.82524	402248.88	
3781048.78	1.79416			
402268.88	3781048.78	1.76106	402288.88	
3781048.78	1.72820			

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         402308.88    3781048.78          1.69115                            402328.88
3781048.78        1.65743
         402348.88    3781048.78          1.62389                            402368.88
3781048.78        1.58982
         402388.88    3781048.78          1.55679                            402408.88
3781048.78        1.52283
         402428.88    3781048.78          1.48887                            402448.88
3781048.78        1.45546
         402468.88    3781048.78          1.42212                            402488.88
3781048.78        1.38967
         402508.88    3781048.78          1.35638                            401308.88
3781068.78        1.42488
         401328.88    3781068.78          1.45782                            401348.88
3781068.78        1.49358
         401368.88    3781068.78          1.52801                            401388.88
3781068.78        1.56587
         401408.88    3781068.78          1.60391                            401428.88
3781068.78        1.64396
         401448.88    3781068.78          1.67886                            401468.88
3781068.78        1.71308
         401488.88    3781068.78          1.75285                            401508.88
3781068.78        1.79060
         401528.88    3781068.78          1.82969                            401548.88
3781068.78        1.86084
         401568.88    3781068.78          1.89779                            401588.88
3781068.78        1.93328
         401608.88    3781068.78          1.97638                            401628.88
3781068.78        2.01604
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

                                PAGE 126

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401648.88	3781068.78	2.05203	401668.88	3781068.78	2.08434
401688.88	3781068.78	2.10596	401708.88	3781068.78	2.12875
401728.88	3781068.78	2.15449	401748.88	3781068.78	2.17376
401768.88	3781068.78	2.19168	401788.88	3781068.78	2.20923
401808.88	3781068.78	2.22767	401828.88	3781068.78	2.24206
401848.88	3781068.78	2.25345	401868.88	3781068.78	2.25783
401888.88	3781068.78	2.26327	401908.88	3781068.78	2.26011
401928.88	3781068.78	2.25808	401948.88	3781068.78	2.25408
401968.88	3781068.78	2.24588	401988.88	3781068.78	2.23064
402008.88	3781068.78	2.21488	402028.88	3781068.78	2.18521
402048.88	3781068.78	2.17149	402068.88	3781068.78	2.14987
402088.88	3781068.78	2.12496	402108.88	3781068.78	2.09310
402128.88	3781068.78	2.06596	402148.88	3781068.78	2.03563
402168.88	3781068.78	2.00180	402188.88	3781068.78	1.96965
402208.88	3781068.78	1.93737	402228.88	3781068.78	1.90589
402248.88	3781068.78	1.87150	402268.88	3781068.78	1.83597
402288.88	3781068.78	1.79916	402308.88	3781068.78	1.76081
402328.88	3781068.78	1.72262	402348.88	3781068.78	1.68609
402368.88	3781068.78	1.65189	402388.88	3781068.78	1.61649
402408.88	3781068.78	1.57977	402428.88	3781068.78	1.54355
402448.88	3781068.78	1.50665	402468.88	3781068.78	1.46985
402488.88	3781068.78	1.43392	402508.88		

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3781068.78         1.39929
          401308.88     3781088.78          1.47117                          401328.88
3781088.78         1.50467
          401348.88     3781088.78          1.54197                          401368.88
3781088.78         1.57869
          401388.88     3781088.78          1.62146                          401408.88
3781088.78         1.65976
          401428.88     3781088.78          1.70436                          401448.88
3781088.78         1.74125
          401468.88     3781088.78          1.77910                          401488.88
3781088.78         1.82356
          401508.88     3781088.78          1.86143                          401528.88
3781088.78         1.90277
          401548.88     3781088.78          1.94040                          401568.88
3781088.78         1.98222
          401588.88     3781088.78          2.02164                          401608.88
3781088.78         2.06513
          401628.88     3781088.78          2.10432                          401648.88
3781088.78         2.14262
          401668.88     3781088.78          2.17982                          401688.88
3781088.78         2.21416
          401708.88     3781088.78          2.23468                          401728.88
3781088.78         2.26084
          401748.88     3781088.78          2.28603                          401768.88
3781088.78         2.30653
          401788.88     3781088.78          2.32648                          401808.88
3781088.78         2.34615
          401828.88     3781088.78          2.36312                          401848.88
3781088.78         2.37599
          401868.88     3781088.78          2.38191                          401888.88
3781088.78         2.38718
          401908.88     3781088.78          2.38618                          401928.88
3781088.78         2.38246
          401948.88     3781088.78          2.37479                          401968.88
3781088.78         2.36158
          401988.88     3781088.78          2.34805                          402008.88
3781088.78         2.32924
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 127
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010

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,  L0000011    ,  L0000012    ,  L0000013    ,
                 L0000014    ,  L0000015    ,  L0000016    ,  L0000017    ,  L0000018
,  L0000019    ,  L0000020    ,  L0000021    ,
                 L0000022    ,  L0000023    ,  L0000024    ,  L0000025    ,  L0000026
,  L0000027    ,  L0000028    ,  . . .       ,
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                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
       **

```
       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)       CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         402028.88   3781088.78        2.30220                   402048.88
3781088.78        2.28589
         402068.88   3781088.78        2.26555                   402088.88
3781088.78        2.23297
         402108.88   3781088.78        2.20231                   402128.88
3781088.78        2.16955
         402148.88   3781088.78        2.13498                   402168.88
3781088.78        2.09696
         402188.88   3781088.78        2.06275                   402208.88
3781088.78        2.02861
         402228.88   3781088.78        1.99355                   402248.88
3781088.78        1.95607
         402268.88   3781088.78        1.91767                   402288.88
3781088.78        1.87825
         402308.88   3781088.78        1.83534                   402328.88
3781088.78        1.79455
         402348.88   3781088.78        1.75436                   402368.88
3781088.78        1.71463
         402388.88   3781088.78        1.67832                   402408.88
3781088.78        1.63851
         402428.88   3781088.78        1.59946                   402448.88
3781088.78        1.55794
         402468.88   3781088.78        1.51885                   402488.88
3781088.78        1.48064
         402508.88   3781088.78        1.44378                   401308.88
3781108.78        1.51752
         401328.88   3781108.78        1.55612                   401348.88
3781108.78        1.59367
         401368.88   3781108.78        1.63278                   401388.88
3781108.78        1.67943
         401408.88   3781108.78        1.72029                   401428.88
3781108.78        1.76656
         401448.88   3781108.78        1.80653                   401468.88
3781108.78        1.85079
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```
        401488.88    3781108.78         1.90002                      401508.88
3781108.78       1.93930
        401528.88    3781108.78         1.98447                      401548.88
3781108.78       2.02370
        401568.88    3781108.78         2.07080                      401588.88
3781108.78       2.11469
        401608.88    3781108.78         2.15948                      401628.88
3781108.78       2.20437
        401648.88    3781108.78         2.24853                      401668.88
3781108.78       2.29227
        401688.88    3781108.78         2.32914                      401708.88
3781108.78       2.34932
        401728.88    3781108.78         2.38099                      401748.88
3781108.78       2.40798
        401768.88    3781108.78         2.43229                      401788.88
3781108.78       2.45604
        401808.88    3781108.78         2.47906                      401828.88
3781108.78       2.49611
        401848.88    3781108.78         2.51034                      401868.88
3781108.78       2.51699
        401888.88    3781108.78         2.52471                      401908.88
3781108.78       2.52238
        401928.88    3781108.78         2.51966                      401948.88
3781108.78       2.51132
        401968.88    3781108.78         2.49466                      401988.88
3781108.78       2.47176
        402008.88    3781108.78         2.45634                      402028.88
3781108.78       2.42884
        402048.88    3781108.78         2.41337                      402068.88
3781108.78       2.38626
        402088.88    3781108.78         2.35223                      402108.88
3781108.78       2.31837
        402128.88    3781108.78         2.28420                      402148.88
3781108.78       2.25016
        402168.88    3781108.78         2.20311                      402188.88
3781108.78       2.16797
        402208.88    3781108.78         2.12749                      402228.88
3781108.78       2.08854
        402248.88    3781108.78         2.04713                      402268.88
3781108.78       2.00330
        402288.88    3781108.78         1.95985                      402308.88
3781108.78       1.91335
        402328.88    3781108.78         1.87061                      402348.88
3781108.78       1.82714
        402368.88    3781108.78         1.78689                      402388.88
3781108.78       1.74515
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402408.88   3781108.78   1.70051   402428.88
3781108.78   1.65608
        402448.88   3781108.78   1.61606   402468.88
3781108.78   1.57053
        402488.88   3781108.78   1.52937   402508.88
3781108.78   1.49021
        401308.88   3781128.78   1.56481   401328.88
3781128.78   1.60630
        401348.88   3781128.78   1.64762   401368.88
3781128.78   1.68901
        401388.88   3781128.78   1.73903   401408.88
3781128.78   1.78674
        401428.88   3781128.78   1.83443   401448.88
3781128.78   1.87685
        401468.88   3781128.78   1.92483   401488.88
3781128.78   1.97798
        401508.88   3781128.78   2.02530   401528.88
3781128.78   2.07435
        401548.88   3781128.78   2.11260   401568.88
3781128.78   2.16487
        401588.88   3781128.78   2.21075   401608.88
3781128.78   2.26148
        401628.88   3781128.78   2.30983   401648.88
3781128.78   2.35960
        401668.88   3781128.78   2.40144   401688.88

```
3781128.78        2.44119
        401708.88    3781128.78        2.47521            401728.88
3781128.78        2.51094
        401748.88    3781128.78        2.54285            401768.88
3781128.78        2.57072
        401788.88    3781128.78        2.60023            401808.88
3781128.78        2.62247
        401828.88    3781128.78        2.64150            401848.88
3781128.78        2.66024
        401868.88    3781128.78        2.66554            401888.88
3781128.78        2.67407
        401908.88    3781128.78        2.67425            401928.88
3781128.78        2.66783
        401948.88    3781128.78        2.65838            401968.88
3781128.78        2.63826
        401988.88    3781128.78        2.62124            402008.88
3781128.78        2.59458
        402028.88    3781128.78        2.57281            402048.88
3781128.78        2.54708
        402068.88    3781128.78        2.52074            402088.88
3781128.78        2.48290
        402108.88    3781128.78        2.44382            402128.88
3781128.78        2.40463
        402148.88    3781128.78        2.36047            402168.88
3781128.78        2.32031
        402188.88    3781128.78        2.27862            402208.88
3781128.78        2.23429
        402228.88    3781128.78        2.18991            402248.88
3781128.78        2.14320
        402268.88    3781128.78        2.09562            402288.88
3781128.78        2.04628
        402308.88    3781128.78        1.99684            402328.88
3781128.78        1.95225
        402348.88    3781128.78        1.90468            402368.88
3781128.78        1.85624
        402388.88    3781128.78        1.80901            402408.88
3781128.78        1.76458
        402428.88    3781128.78        1.71617            402448.88
3781128.78        1.67301
        402468.88    3781128.78        1.62528            402488.88
3781128.78        1.58056
        402508.88    3781128.78        1.53847            401308.88
3781148.78        1.61433
        401328.88    3781148.78        1.66105            401348.88
3781148.78        1.70809
        401368.88    3781148.78        1.74805            401388.88
3781148.78        1.79602
        401408.88    3781148.78        1.85146            401428.88
3781148.78        1.90221
        401448.88    3781148.78        1.95043            401468.88
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3781148.78       2.00201
        401488.88    3781148.78       2.06291                          401508.88
3781148.78       2.11149
        401528.88    3781148.78       2.16151                          401548.88
3781148.78       2.20684
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

                              PAGE 129
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
             L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
             L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
             L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401568.88   3781148.78   2.26364   401588.88
3781148.78   2.31788
        401608.88   3781148.78   2.37173   401628.88
3781148.78   2.42569
        401648.88   3781148.78   2.47575   401668.88
3781148.78   2.52209
        401688.88   3781148.78   2.56623   401708.88
3781148.78   2.60882
        401728.88   3781148.78   2.64847   401748.88
3781148.78   2.68588
        401768.88   3781148.78   2.71995   401788.88
3781148.78   2.75207
        401808.88   3781148.78   2.77813   401828.88
3781148.78   2.80024
        401848.88   3781148.78   2.81803   401868.88
3781148.78   2.82793
```

401888.88	3781148.78	2.83265	401908.88	
3781148.78	2.83203			
401928.88	3781148.78	2.82681	401948.88	
3781148.78	2.81492			
401968.88	3781148.78	2.79538	401988.88	
3781148.78	2.77728			
402008.88	3781148.78	2.75021	402028.88	
3781148.78	2.72565			
402048.88	3781148.78	2.69429	402068.88	
3781148.78	2.66200			
402088.88	3781148.78	2.62291	402108.88	
3781148.78	2.58179			
402128.88	3781148.78	2.53827	402148.88	
3781148.78	2.49159			
402168.88	3781148.78	2.44464	402188.88	
3781148.78	2.39582			
402208.88	3781148.78	2.34564	402228.88	
3781148.78	2.29380			
402248.88	3781148.78	2.24165	402268.88	
3781148.78	2.18908			
402288.88	3781148.78	2.13600	402308.88	
3781148.78	2.08350			
402328.88	3781148.78	2.03198	402348.88	
3781148.78	1.97984			
402368.88	3781148.78	1.92798	402388.88	
3781148.78	1.87700			
402408.88	3781148.78	1.82672	402428.88	
3781148.78	1.77750			
402448.88	3781148.78	1.72867	402468.88	
3781148.78	1.68013			
402488.88	3781148.78	1.63231	402508.88	
3781148.78	1.58600			
401308.88	3781168.78	1.66396	401328.88	
3781168.78	1.71333			
401348.88	3781168.78	1.76423	401368.88	
3781168.78	1.80909			
401388.88	3781168.78	1.86486	401408.88	
3781168.78	1.92070			
401428.88	3781168.78	1.97552	401448.88	
3781168.78	2.02673			
401468.88	3781168.78	2.08428	401488.88	
3781168.78	2.14662			
401508.88	3781168.78	2.20113	401528.88	
3781168.78	2.26091			
401548.88	3781168.78	2.30707	401568.88	
3781168.78	2.37366			
401588.88	3781168.78	2.43556	401608.88	
3781168.78	2.49639			
401628.88	3781168.78	2.55169	401648.88	
3781168.78	2.61268			

```
          401668.88    3781168.78        2.66016                        401688.88
3781168.78       2.70810
          401708.88    3781168.78        2.75710                        401728.88
3781168.78       2.80007
          401748.88    3781168.78        2.84579                        401768.88
3781168.78       2.88517
          401788.88    3781168.78        2.92143                        401808.88
3781168.78       2.95335
          401828.88    3781168.78        2.97742                        401848.88
3781168.78       3.00256
          401868.88    3781168.78        3.00407                        401888.88
3781168.78       3.02084
          401908.88    3781168.78        3.01877                        401928.88
3781168.78       3.00867
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                                   PAGE 130
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
          401948.88   3781168.78   2.99791   401968.88
3781168.78   2.97939
          401988.88   3781168.78   2.95475   402008.88
3781168.78   2.92176
          402028.88   3781168.78   2.89456   402048.88
3781168.78   2.86201
          402068.88   3781168.78   2.82571   402088.88

3781168.78	2.78154		
402108.88	3781168.78	2.73932	402128.88
3781168.78	2.68512		
402148.88	3781168.78	2.63328	402168.88
3781168.78	2.58109		
402188.88	3781168.78	2.52548	402208.88
3781168.78	2.46809		
402228.88	3781168.78	2.41550	402248.88
3781168.78	2.35759		
402268.88	3781168.78	2.30017	402288.88
3781168.78	2.24229		
402308.88	3781168.78	2.17810	402328.88
3781168.78	2.12588		
402348.88	3781168.78	2.06962	402368.88
3781168.78	2.01180		
402388.88	3781168.78	1.95734	402408.88
3781168.78	1.90194		
402428.88	3781168.78	1.84800	402448.88
3781168.78	1.79302		
402468.88	3781168.78	1.74241	402488.88
3781168.78	1.68551		
402508.88	3781168.78	1.63985	401308.88
3781188.78	1.71636		
401328.88	3781188.78	1.76885	401348.88
3781188.78	1.82289		
401368.88	3781188.78	1.87253	401388.88
3781188.78	1.93177		
401408.88	3781188.78	1.99186	401428.88
3781188.78	2.05244		
401448.88	3781188.78	2.10935	401468.88
3781188.78	2.16950		
401488.88	3781188.78	2.23681	401508.88
3781188.78	2.29724		
401528.88	3781188.78	2.36431	401548.88
3781188.78	2.41392		
401568.88	3781188.78	2.48711	401588.88
3781188.78	2.55497		
401608.88	3781188.78	2.62141	401628.88
3781188.78	2.68935		
401648.88	3781188.78	2.75109	401668.88
3781188.78	2.80410		
401688.88	3781188.78	2.86133	401708.88
3781188.78	2.91504		
401728.88	3781188.78	2.96645	401748.88
3781188.78	3.01774		
401768.88	3781188.78	3.06219	401788.88
3781188.78	3.10405		
401808.88	3781188.78	3.13696	401828.88
3781188.78	3.16639		
401848.88	3781188.78	3.19411	401868.88

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3781188.78         3.20103
        401888.88     3781188.78         3.21808                      401908.88
3781188.78         3.21808
        401928.88     3781188.78         3.20543                      401948.88
3781188.78         3.19266
        401968.88     3781188.78         3.17129                      401988.88
3781188.78         3.14511
        402008.88     3781188.78         3.10538                      402028.88
3781188.78         3.07831
        402048.88     3781188.78         3.04798                      402068.88
3781188.78         3.00743
        402088.88     3781188.78         2.95510                      402108.88
3781188.78         2.90380
        402128.88     3781188.78         2.84195                      402148.88
3781188.78         2.78115
        402168.88     3781188.78         2.71954                      402188.88
3781188.78         2.66452
        402208.88     3781188.78         2.60112                      402228.88
3781188.78         2.54110
        402248.88     3781188.78         2.47847                      402268.88
3781188.78         2.41656
        402288.88     3781188.78         2.34625                      402308.88
3781188.78         2.27924
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 131
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC

- -
- -

402328.88	3781188.78	2.22481	402348.88	
3781188.78	2.16207			
402368.88	3781188.78	2.09844	402388.88	
3781188.78	2.03660			
402408.88	3781188.78	1.97518	402428.88	
3781188.78	1.91446			
402448.88	3781188.78	1.85698	402468.88	
3781188.78	1.80201			
402488.88	3781188.78	1.74169	402508.88	
3781188.78	1.69111			
401308.88	3781208.78	1.77175	401328.88	
3781208.78	1.82711			
401348.88	3781208.78	1.88553	401368.88	
3781208.78	1.93882			
401388.88	3781208.78	2.00168	401408.88	
3781208.78	2.06565			
401428.88	3781208.78	2.13097	401448.88	
3781208.78	2.19504			
401468.88	3781208.78	2.26238	401488.88	
3781208.78	2.33195			
401508.88	3781208.78	2.39986	401528.88	
3781208.78	2.47168			
401548.88	3781208.78	2.52862	401568.88	
3781208.78	2.60613			
401588.88	3781208.78	2.68224	401608.88	
3781208.78	2.76220			
401628.88	3781208.78	2.83387	401648.88	
3781208.78	2.89880			
401668.88	3781208.78	2.96205	401688.88	
3781208.78	3.02509			
401708.88	3781208.78	3.08812	401728.88	
3781208.78	3.14946			
401748.88	3781208.78	3.20940	401768.88	
3781208.78	3.25816			
401788.88	3781208.78	3.30566	401808.88	
3781208.78	3.34929			
401828.88	3781208.78	3.37844	401848.88	
3781208.78	3.40591			
401868.88	3781208.78	3.41781	401888.88	
3781208.78	3.43070			
401908.88	3781208.78	3.43826	401928.88	
3781208.78	3.42775			
401948.88	3781208.78	3.41217	401968.88	
3781208.78	3.39099			
401988.88	3781208.78	3.35067	402008.88	
3781208.78	3.30772			
402028.88	3781208.78	3.28380	402048.88	
3781208.78	3.24963			

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        402068.88    3781208.78         3.20377                           402088.88
3781208.78       3.14361
        402108.88    3781208.78         3.08502                           402128.88
3781208.78       3.01986
        402148.88    3781208.78         2.95012                           402168.88
3781208.78       2.88779
        402188.88    3781208.78         2.81794                           402208.88
3781208.78       2.74707
        402228.88    3781208.78         2.67734                           402248.88
3781208.78       2.60569
        402268.88    3781208.78         2.53490                           402288.88
3781208.78       2.46273
        402308.88    3781208.78         2.38790                           402328.88
3781208.78       2.32358
        402348.88    3781208.78         2.25846                           402368.88
3781208.78       2.19207
        402388.88    3781208.78         2.12269                           402408.88
3781208.78       2.05539
        402428.88    3781208.78         1.98797                           402448.88
3781208.78       1.92368
        402468.88    3781208.78         1.86228                           402488.88
3781208.78       1.79920
        402508.88    3781208.78         1.74332                           401308.88
3781228.78       1.82793
        401328.88    3781228.78         1.88707                           401348.88
3781228.78       1.94952
        401368.88    3781228.78         2.00886                           401388.88
3781228.78       2.07647
        401408.88    3781228.78         2.14608                           401428.88
3781228.78       2.21683
        401448.88    3781228.78         2.28505                           401468.88
3781228.78       2.35627
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                         PAGE 132
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                        **

        X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
  Y-COORD (M)   CONC
  -
- -
          401488.88   3781228.78   2.43379   401508.88
3781228.78   2.50851
          401528.88   3781228.78   2.58791   401548.88
3781228.78   2.65037
          401568.88   3781228.78   2.73062   401588.88
3781228.78   2.81869
          401608.88   3781228.78   2.90583   401628.88
3781228.78   2.98799
          401648.88   3781228.78   3.06337   401668.88
3781228.78   3.13526
          401688.88   3781228.78   3.20491   401708.88
3781228.78   3.28038
          401728.88   3781228.78   3.35276   401748.88
3781228.78   3.41479
          401768.88   3781228.78   3.47324   401788.88
3781228.78   3.53045
          401808.88   3781228.78   3.57176   401828.88
3781228.78   3.61370
          401848.88   3781228.78   3.64421   401868.88
3781228.78   3.65787
          401888.88   3781228.78   3.67116   401908.88
3781228.78   3.67802
          401928.88   3781228.78   3.67614   401948.88
3781228.78   3.65721
          401968.88   3781228.78   3.62585   401988.88
3781228.78   3.57961
          402008.88   3781228.78   3.53949   402028.88
3781228.78   3.50603
          402048.88   3781228.78   3.46892   402068.88
3781228.78   3.41927
          402088.88   3781228.78   3.35602   402108.88
3781228.78   3.29346
          402128.88   3781228.78   3.21235   402148.88
3781228.78   3.13646
          402168.88   3781228.78   3.06397   402188.88
3781228.78   2.98529
          402208.88   3781228.78   2.90442   402228.88
3781228.78   2.82392
          402248.88   3781228.78   2.74379   402268.88

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3781228.78        2.66468
         402288.88    3781228.78        2.58259                     402308.88
3781228.78        2.50320
         402328.88    3781228.78        2.43052                     402348.88
3781228.78        2.35940
         402368.88    3781228.78        2.28550                     402388.88
3781228.78        2.20714
         402408.88    3781228.78        2.13555                     402428.88
3781228.78        2.06736
         402448.88    3781228.78        1.99611                     402468.88
3781228.78        1.92957
         402488.88    3781228.78        1.85948                     402508.88
3781228.78        1.79713
         401308.88    3781248.78        1.88509                     401328.88
3781248.78        1.94873
         401348.88    3781248.78        2.01444                     401368.88
3781248.78        2.08219
         401388.88    3781248.78        2.15439                     401408.88
3781248.78        2.22822
         401428.88    3781248.78        2.30203                     401448.88
3781248.78        2.37914
         401468.88    3781248.78        2.45756                     401488.88
3781248.78        2.53884
         401508.88    3781248.78        2.62034                     401528.88
3781248.78        2.70641
         401548.88    3781248.78        2.78104                     401568.88
3781248.78        2.88136
         401588.88    3781248.78        2.97284                     401608.88
3781248.78        3.06552
         401628.88    3781248.78        3.15484                     401648.88
3781248.78        3.23964
         401668.88    3781248.78        3.32213                     401688.88
3781248.78        3.40577
         401708.88    3781248.78        3.48953                     401728.88
3781248.78        3.56844
         401748.88    3781248.78        3.64814                     401768.88
3781248.78        3.71154
         401788.88    3781248.78        3.77672                     401808.88
3781248.78        3.83247
         401828.88    3781248.78        3.87272                     401848.88
3781248.78        3.90977
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 133
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: EQUIP   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
               **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401868.88   3781248.78   3.92670   401888.88
3781248.78   3.94911
        401908.88   3781248.78   3.95758   401928.88
3781248.78   3.95201
        401948.88   3781248.78   3.92228   401968.88
3781248.78   3.88589
        401988.88   3781248.78   3.84870   402008.88
3781248.78   3.80183
        402028.88   3781248.78   3.76367   402048.88
3781248.78   3.71595
        402068.88   3781248.78   3.65625   402088.88
3781248.78   3.58617
        402108.88   3781248.78   3.50772   402128.88
3781248.78   3.42736
        402148.88   3781248.78   3.33945   402168.88
3781248.78   3.25409
        402188.88   3781248.78   3.16914   402208.88
3781248.78   3.07821
        402228.88   3781248.78   2.98651   402248.88
3781248.78   2.89356
        402268.88   3781248.78   2.80469   402288.88
3781248.78   2.71532
        402308.88   3781248.78   2.62684   402328.88
3781248.78   2.54629
        402348.88   3781248.78   2.47097   402368.88
3781248.78   2.38452
        402388.88   3781248.78   2.30321   402408.88
3781248.78   2.22217
        402428.88   3781248.78   2.14589   402448.88
3781248.78   2.06733

402468.88	3781248.78	1.99622	402488.88	
3781248.78	1.92219			
402508.88	3781248.78	1.85866	401308.88	
3781268.78	1.94242			
401328.88	3781268.78	2.01012	401348.88	
3781268.78	2.07890			
401368.88	3781268.78	2.15120	401388.88	
3781268.78	2.22745			
401408.88	3781268.78	2.30696	401428.88	
3781268.78	2.38852			
401448.88	3781268.78	2.47114	401468.88	
3781268.78	2.55573			
401488.88	3781268.78	2.64319	401508.88	
3781268.78	2.73330			
401528.88	3781268.78	2.82501	401548.88	
3781268.78	2.91874			
401568.88	3781268.78	3.02102	401588.88	
3781268.78	3.12131			
401608.88	3781268.78	3.22339	401628.88	
3781268.78	3.32550			
401648.88	3781268.78	3.42606	401668.88	
3781268.78	3.52479			
401688.88	3781268.78	3.62280	401708.88	
3781268.78	3.71780			
401728.88	3781268.78	3.80964	401748.88	
3781268.78	3.89672			
401768.88	3781268.78	3.97848	401788.88	
3781268.78	4.05129			
401808.88	3781268.78	4.11439	401828.88	
3781268.78	4.16614			
401848.88	3781268.78	4.20642	401868.88	
3781268.78	4.22901			
401888.88	3781268.78	4.25484	401908.88	
3781268.78	4.26439			
401928.88	3781268.78	4.25542	401948.88	
3781268.78	4.22093			
401968.88	3781268.78	4.19086	401988.88	
3781268.78	4.15641			
402008.88	3781268.78	4.09426	402028.88	
3781268.78	4.05437			
402048.88	3781268.78	3.99727	402068.88	
3781268.78	3.92822			
402088.88	3781268.78	3.84264	402108.88	
3781268.78	3.75865			
402128.88	3781268.78	3.66200	402148.88	
3781268.78	3.56575			
402168.88	3781268.78	3.46476	402188.88	
3781268.78	3.36665			
402208.88	3781268.78	3.26347	402228.88	
3781268.78	3.16244			

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

                              PAGE 134
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
          **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402248.88   3781268.78   3.05687   402268.88
3781268.78   2.95376
        402288.88   3781268.78   2.85486   402308.88
3781268.78   2.75843
        402328.88   3781268.78   2.66819   402348.88
3781268.78   2.57777
        402368.88   3781268.78   2.48756   402388.88
3781268.78   2.39776
        402408.88   3781268.78   2.31114   402428.88
3781268.78   2.22614
        402448.88   3781268.78   2.14293   402468.88
3781268.78   2.06614
        402488.88   3781268.78   1.98774   402508.88
3781268.78   1.92078
        401308.88   3781288.78   2.00303   401328.88
3781288.78   2.07388
        401348.88   3781288.78   2.14868   401368.88
3781288.78   2.22371
        401388.88   3781288.78   2.30785   401408.88
3781288.78   2.39713
        401428.88   3781288.78   2.48520   401448.88

3781288.78	2.57286		
401468.88	3781288.78	2.66408	401488.88
3781288.78	2.76329		
401508.88	3781288.78	2.86314	401528.88
3781288.78	2.96659		
401548.88	3781288.78	3.06617	401568.88
3781288.78	3.18516		
401588.88	3781288.78	3.29847	401608.88
3781288.78	3.41764		
401628.88	3781288.78	3.52585	401648.88
3781288.78	3.63387		
401668.88	3781288.78	3.74798	401688.88
3781288.78	3.86340		
401708.88	3781288.78	3.97908	401728.88
3781288.78	4.07830		
401748.88	3781288.78	4.17914	401768.88
3781288.78	4.27224		
401788.88	3781288.78	4.36268	401808.88
3781288.78	4.43540		
401828.88	3781288.78	4.49957	401848.88
3781288.78	4.55207		
401868.88	3781288.78	4.57101	401888.88
3781288.78	4.60706		
401908.88	3781288.78	4.61753	401928.88
3781288.78	4.59428		
401948.88	3781288.78	4.57664	401968.88
3781288.78	4.53521		
401988.88	3781288.78	4.48206	402008.88
3781288.78	4.41091		
402028.88	3781288.78	4.35396	402048.88
3781288.78	4.29456		
402068.88	3781288.78	4.23360	402088.88
3781288.78	4.14451		
402108.88	3781288.78	4.03538	402128.88
3781288.78	3.92316		
402148.88	3781288.78	3.81031	402168.88
3781288.78	3.69634		
402188.88	3781288.78	3.58302	402208.88
3781288.78	3.46580		
402228.88	3781288.78	3.34871	402248.88
3781288.78	3.23591		
402268.88	3781288.78	3.11649	402288.88
3781288.78	3.00643		
402308.88	3781288.78	2.89931	402328.88
3781288.78	2.79648		
402348.88	3781288.78	2.69849	402368.88
3781288.78	2.59915		
402388.88	3781288.78	2.49940	402408.88
3781288.78	2.40748		
402428.88	3781288.78	2.31111	402448.88

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3781288.78       2.22387
        402468.88    3781288.78        2.13786                         402488.88
3781288.78       2.05464
        402508.88    3781288.78        1.98819                         401308.88
3781308.78       2.06811
        401328.88    3781308.78        2.14265                         401348.88
3781308.78       2.22364
        401368.88    3781308.78        2.30207                         401388.88
3781308.78       2.39339
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                              PAGE 135
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC

 -
- -
        401408.88   3781308.78   2.49048   401428.88
3781308.78   2.58111
        401448.88   3781308.78   2.67785   401468.88
3781308.78   2.78077
        401488.88   3781308.78   2.89076   401508.88
3781308.78   3.00192
        401528.88   3781308.78   3.11735   401548.88
3781308.78   3.22341
        401568.88   3781308.78   3.35202   401588.88
3781308.78   3.48207
        401608.88   3781308.78   3.60226   401628.88
3781308.78   3.73175
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| | | | | |
|---|---|---|---|---|
| 401648.88 | 3781308.78 | 3.86022 | 401668.88 | |
| 3781308.78 | 3.98938 | | | |
| 401688.88 | 3781308.78 | 4.11817 | 401708.88 | |
| 3781308.78 | 4.24880 | | | |
| 401728.88 | 3781308.78 | 4.36765 | 401748.88 | |
| 3781308.78 | 4.48506 | | | |
| 401768.88 | 3781308.78 | 4.60305 | 401788.88 | |
| 3781308.78 | 4.70487 | | | |
| 401808.88 | 3781308.78 | 4.79400 | 401828.88 | |
| 3781308.78 | 4.86749 | | | |
| 401848.88 | 3781308.78 | 4.91911 | 401868.88 | |
| 3781308.78 | 4.95871 | | | |
| 401888.88 | 3781308.78 | 4.99356 | 401908.88 | |
| 3781308.78 | 5.00265 | | | |
| 401928.88 | 3781308.78 | 4.97585 | 401948.88 | |
| 3781308.78 | 4.97205 | | | |
| 401968.88 | 3781308.78 | 4.90614 | 401988.88 | |
| 3781308.78 | 4.85995 | | | |
| 402008.88 | 3781308.78 | 4.79127 | 402028.88 | |
| 3781308.78 | 4.71370 | | | |
| 402048.88 | 3781308.78 | 4.63549 | 402068.88 | |
| 3781308.78 | 4.56459 | | | |
| 402088.88 | 3781308.78 | 4.46629 | 402108.88 | |
| 3781308.78 | 4.33762 | | | |
| 402128.88 | 3781308.78 | 4.21658 | 402148.88 | |
| 3781308.78 | 4.09229 | | | |
| 402168.88 | 3781308.78 | 3.95912 | 402188.88 | |
| 3781308.78 | 3.82473 | | | |
| 402208.88 | 3781308.78 | 3.68625 | 402228.88 | |
| 3781308.78 | 3.55337 | | | |
| 402248.88 | 3781308.78 | 3.42223 | 402268.88 | |
| 3781308.78 | 3.29621 | | | |
| 402288.88 | 3781308.78 | 3.17243 | 402308.88 | |
| 3781308.78 | 3.05069 | | | |
| 402328.88 | 3781308.78 | 2.93593 | 402348.88 | |
| 3781308.78 | 2.82800 | | | |
| 402368.88 | 3781308.78 | 2.71717 | 402388.88 | |
| 3781308.78 | 2.61039 | | | |
| 402408.88 | 3781308.78 | 2.50458 | 402428.88 | |
| 3781308.78 | 2.40415 | | | |
| 402448.88 | 3781308.78 | 2.31079 | 402468.88 | |
| 3781308.78 | 2.21653 | | | |
| 402488.88 | 3781308.78 | 2.12512 | 402508.88 | |
| 3781308.78 | 2.06155 | | | |
| 401308.88 | 3781328.78 | 2.13083 | 401328.88 | |
| 3781328.78 | 2.21315 | | | |
| 401348.88 | 3781328.78 | 2.30062 | 401368.88 | |
| 3781328.78 | 2.38251 | | | |
| 401388.88 | 3781328.78 | 2.48026 | 401408.88 | |
| 3781328.78 | 2.58437 | | | |

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         401428.88   3781328.78   2.68386   401448.88
3781328.78   2.79256
         401468.88   3781328.78   2.90398   401488.88
3781328.78   3.02135
         401508.88   3781328.78   3.14919   401528.88
3781328.78   3.27184
         401548.88   3781328.78   3.39128   401568.88
3781328.78   3.53666
         401588.88   3781328.78   3.68351   401608.88
3781328.78   3.82642
         401628.88   3781328.78   3.97154   401648.88
3781328.78   4.12674
         401668.88   3781328.78   4.26342   401688.88
3781328.78   4.42278
         401708.88   3781328.78   4.56786   401728.88
3781328.78   4.70485
         401748.88   3781328.78   4.83224   401768.88
3781328.78   4.97347
```
⬧ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        05:36:20


                              PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                              INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .     ,


                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
            **


      X-COORD (M)   Y-COORD (M)       CONC                      X-COORD (M)
Y-COORD (M)       CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
         401788.88    3781328.78        5.09297                      401808.88
3781328.78       5.19827
         401828.88    3781328.78        5.30234                      401848.88
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3781328.78          5.34984
        401868.88     3781328.78          5.40118                         401888.88
3781328.78          5.44543
        401908.88     3781328.78          5.44806                         401928.88
3781328.78          5.45441
        401948.88     3781328.78          5.45530                         401968.88
3781328.78          5.39241
        401988.88     3781328.78          5.31505                         402008.88
3781328.78          5.23870
        402028.88     3781328.78          5.13879                         402048.88
3781328.78          5.02853
        402068.88     3781328.78          4.94074                         402088.88
3781328.78          4.82964
        402108.88     3781328.78          4.67874                         402128.88
3781328.78          4.55015
        402148.88     3781328.78          4.38491                         402168.88
3781328.78          4.23675
        402188.88     3781328.78          4.08267                         402208.88
3781328.78          3.92773
        402228.88     3781328.78          3.77724                         402248.88
3781328.78          3.62879
        402268.88     3781328.78          3.48646                         402288.88
3781328.78          3.34624
        402308.88     3781328.78          3.21075                         402328.88
3781328.78          3.08587
        402348.88     3781328.78          2.96782                         402368.88
3781328.78          2.84133
        402388.88     3781328.78          2.71724                         402408.88
3781328.78          2.60733
        402428.88     3781328.78          2.50383                         402448.88
3781328.78          2.39604
        402468.88     3781328.78          2.29478                         402488.88
3781328.78          2.19820
        402508.88     3781328.78          2.13720                         401308.88
3781348.78          2.19302
        401328.88     3781348.78          2.28092                         401348.88
3781348.78          2.37390
        401368.88     3781348.78          2.46469                         401388.88
3781348.78          2.56856
        401408.88     3781348.78          2.68131                         401428.88
3781348.78          2.79301
        401448.88     3781348.78          2.90547                         401468.88
3781348.78          3.03071
        401488.88     3781348.78          3.16604                         401508.88
3781348.78          3.30279
        401528.88     3781348.78          3.44777                         401548.88
3781348.78          3.56677
        401568.88     3781348.78          3.73326                         401588.88
3781348.78          3.88590
        401608.88     3781348.78          4.05710                         401628.88
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3781348.78        4.21885
        401648.88    3781348.78        4.38697                        401668.88
3781348.78        4.56083
        401688.88    3781348.78        4.72972                        401708.88
3781348.78        4.90602
        401728.88    3781348.78        5.07086                        401748.88
3781348.78        5.23159
        401768.88    3781348.78        5.38583                        401788.88
3781348.78        5.52212
        401808.88    3781348.78        5.65206                        401828.88
3781348.78        5.76745
        401848.88    3781348.78        5.85456                        401868.88
3781348.78        5.90992
        401888.88    3781348.78        5.96647                        401908.88
3781348.78        5.97867
        401928.88    3781348.78        5.97839                        401948.88
3781348.78        5.95613
        401968.88    3781348.78        5.90153                        401988.88
3781348.78        5.82304
        402008.88    3781348.78        5.72996                        402028.88
3781348.78        5.62534
        402048.88    3781348.78        5.49447                        402068.88
3781348.78        5.37225
        402088.88    3781348.78        5.23854                        402108.88
3781348.78        5.08702
        402128.88    3781348.78        4.91489                        402148.88
3781348.78        4.73670
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402168.88	3781348.78	4.55732	402188.88	3781348.78	4.38004
402208.88	3781348.78	4.19438	402228.88	3781348.78	4.02894
402248.88	3781348.78	3.86325	402268.88	3781348.78	3.69325
402288.88	3781348.78	3.53867	402308.88	3781348.78	3.38278
402328.88	3781348.78	3.24011	402348.88	3781348.78	3.10278
402368.88	3781348.78	2.96691	402388.88	3781348.78	2.83320
402408.88	3781348.78	2.71140	402428.88	3781348.78	2.60096
402448.88	3781348.78	2.48621	402468.88	3781348.78	2.37888
402488.88	3781348.78	2.27747	402508.88	3781348.78	2.21429
401308.88	3781368.78	2.25718	401328.88	3781368.78	2.35031
401348.88	3781368.78	2.44995	401368.88	3781368.78	2.54832
401388.88	3781368.78	2.65690	401408.88	3781368.78	2.77726
401428.88	3781368.78	2.89924	401448.88	3781368.78	3.02497
401468.88	3781368.78	3.15757	401488.88	3781368.78	3.30799
401508.88	3781368.78	3.45535	401528.88	3781368.78	3.61523
401548.88	3781368.78	3.75360	401568.88	3781368.78	3.93739
401588.88	3781368.78	4.11565	401608.88	3781368.78	4.29749
401628.88	3781368.78	4.48652	401648.88	3781368.78	4.68021
401668.88	3781368.78	4.88172	401688.88	3781368.78	5.08183
401708.88	3781368.78	5.28973	401728.88	3781368.78	5.48552
401748.88	3781368.78	5.67994	401768.88	3781368.78	5.86178
401788.88	3781368.78	6.03281	401808.88	3781368.78	6.18716

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        401828.88    3781368.78        6.31587                    401848.88
3781368.78        6.42375
        401868.88    3781368.78        6.49935                    401888.88
3781368.78        6.56207
        401908.88    3781368.78        6.58348                    401928.88
3781368.78        6.58743
        401948.88    3781368.78        6.56122                    401968.88
3781368.78        6.51245
        401988.88    3781368.78        6.39316                    402008.88
3781368.78        6.30089
        402028.88    3781368.78        6.16520                    402048.88
3781368.78        6.00425
        402068.88    3781368.78        5.85673                    402088.88
3781368.78        5.69936
        402108.88    3781368.78        5.52934                    402128.88
3781368.78        5.33289
        402148.88    3781368.78        5.12758                    402168.88
3781368.78        4.91899
        402188.88    3781368.78        4.68824                    402208.88
3781368.78        4.48243
        402228.88    3781368.78        4.28076                    402248.88
3781368.78        4.09802
        402268.88    3781368.78        3.91463                    402288.88
3781368.78        3.73648
        402308.88    3781368.78        3.56621                    402328.88
3781368.78        3.40448
        402348.88    3781368.78        3.25588                    402368.88
3781368.78        3.09862
        402388.88    3781368.78        2.95799                    402408.88
3781368.78        2.82615
        402428.88    3781368.78        2.70468                    402448.88
3781368.78        2.58866
        402468.88    3781368.78        2.45957                    402488.88
3781368.78        2.36606
        402508.88    3781368.78        2.28566                    401308.88
3781388.78        2.32251
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,

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                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
,  L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
,  L0000027    , L0000028    ,  . . .       ,
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                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         401328.88   3781388.78   2.42120   401348.88
3781388.78   2.52595
         401368.88   3781388.78   2.63266   401388.88
3781388.78   2.74881
         401408.88   3781388.78   2.87780   401428.88
3781388.78   3.00850
         401448.88   3781388.78   3.14550   401468.88
3781388.78   3.29373
         401488.88   3781388.78   3.45683   401508.88
3781388.78   3.62250
         401528.88   3781388.78   3.79390   401548.88
3781388.78   3.95096
         401568.88   3781388.78   4.15581   401588.88
3781388.78   4.35078
         401608.88   3781388.78   4.56044   401628.88
3781388.78   4.77636
         401648.88   3781388.78   4.99732   401668.88
3781388.78   5.24743
         401688.88   3781388.78   5.47935   401708.88
3781388.78   5.71373
         401728.88   3781388.78   5.95975   401748.88
3781388.78   6.17647
         401768.88   3781388.78   6.40864   401788.88
3781388.78   6.61794
         401808.88   3781388.78   6.80032   401828.88
3781388.78   6.96255
         401848.88   3781388.78   7.09818   401868.88
3781388.78   7.18222
         401888.88   3781388.78   7.28901   401908.88
3781388.78   7.31464
         401928.88   3781388.78   7.29500   401948.88
3781388.78   7.28618
         401968.88   3781388.78   7.20388   401988.88
3781388.78   7.09723
         402008.88   3781388.78   6.95448   402028.88

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3781388.78        6.80601
        402048.88    3781388.78        6.62627                    402068.88
3781388.78        6.45481
        402088.88    3781388.78        6.24780                    402108.88
3781388.78        6.03977
        402128.88    3781388.78        5.81349                    402148.88
3781388.78        5.57000
        402168.88    3781388.78        5.30944                    402188.88
3781388.78        5.06161
        402208.88    3781388.78        4.80706                    402228.88
3781388.78        4.58938
        402248.88    3781388.78        4.37051                    402268.88
3781388.78        4.15196
        402288.88    3781388.78        3.95594                    402308.88
3781388.78        3.76048
        402328.88    3781388.78        3.58262                    402348.88
3781388.78        3.41075
        402368.88    3781388.78        3.23993                    402388.88
3781388.78        3.08884
        402408.88    3781388.78        2.94888                    402428.88
3781388.78        2.82031
        402448.88    3781388.78        2.70002                    402468.88
3781388.78        2.55325
        402488.88    3781388.78        2.46278                    402508.88
3781388.78        2.37665
        401308.88    3781408.78        2.38970                    401328.88
3781408.78        2.49541
        401348.88    3781408.78        2.60622                    401368.88
3781408.78        2.71726
        401388.88    3781408.78        2.84289                    401408.88
3781408.78        2.98349
        401428.88    3781408.78        3.12378                    401448.88
3781408.78        3.27178
        401468.88    3781408.78        3.43076                    401488.88
3781408.78        3.60811
        401508.88    3781408.78        3.78444                    401528.88
3781408.78        3.97930
        401548.88    3781408.78        4.15781                    401568.88
3781408.78        4.38681
        401588.88    3781408.78        4.63179                    401608.88
3781408.78        4.83766
        401628.88    3781408.78        5.08354                    401648.88
3781408.78        5.34899
        401668.88    3781408.78        5.62730                    401688.88
3781408.78        5.90654
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
               **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401708.88   3781408.78   6.19053   401728.88
3781408.78   6.48040
        401748.88   3781408.78   6.74634   401768.88
3781408.78   7.01303
        401788.88   3781408.78   7.27584   401808.88
3781408.78   7.50412
        401828.88   3781408.78   7.71313   401848.88
3781408.78   7.88036
        401868.88   3781408.78   7.99820   401888.88
3781408.78   8.10733
        401908.88   3781408.78   8.16697   401928.88
3781408.78   8.16242
        401948.88   3781408.78   8.12824   401968.88
3781408.78   8.05490
        401988.88   3781408.78   7.93498   402008.88
3781408.78   7.75816
        402028.88   3781408.78   7.57053   402048.88
3781408.78   7.35116
        402068.88   3781408.78   7.11162   402088.88
3781408.78   6.86223
        402108.88   3781408.78   6.61898   402128.88
3781408.78   6.35168
        402148.88   3781408.78   6.05793   402168.88
3781408.78   5.74860
        402188.88   3781408.78   5.45847   402208.88
3781408.78   5.16777

402228.88	3781408.78	4.90816	402248.88	
3781408.78	4.65468			
402268.88	3781408.78	4.42303	402288.88	
3781408.78	4.19139			
402308.88	3781408.78	3.96816	402328.88	
3781408.78	3.76430			
402348.88	3781408.78	3.57246	402368.88	
3781408.78	3.38360			
402388.88	3781408.78	3.22091	402408.88	
3781408.78	3.07148			
402428.88	3781408.78	2.93346	402448.88	
3781408.78	2.79589			
402468.88	3781408.78	2.65143	402488.88	
3781408.78	2.55334			
402508.88	3781408.78	2.45379	401308.88	
3781428.78	2.45304			
401328.88	3781428.78	2.56494	401348.88	
3781428.78	2.68364			
401368.88	3781428.78	2.80181	401388.88	
3781428.78	2.94006			
401408.88	3781428.78	3.09011	401428.88	
3781428.78	3.24589			
401448.88	3781428.78	3.40231	401468.88	
3781428.78	3.57512			
401488.88	3781428.78	3.76569	401508.88	
3781428.78	3.95520			
401528.88	3781428.78	4.17120	401548.88	
3781428.78	4.37497			
401568.88	3781428.78	4.63024	401588.88	
3781428.78	4.90522			
401608.88	3781428.78	5.16130	401628.88	
3781428.78	5.44565			
401648.88	3781428.78	5.75734	401668.88	
3781428.78	6.08167			
401688.88	3781428.78	6.37817	401708.88	
3781428.78	6.71379			
401728.88	3781428.78	7.04481	401748.88	
3781428.78	7.40035			
401768.88	3781428.78	7.74156	401788.88	
3781428.78	8.05434			
401808.88	3781428.78	8.33974	401828.88	
3781428.78	8.60320			
401848.88	3781428.78	8.82149	401868.88	
3781428.78	8.97882			
401888.88	3781428.78	9.12479	401908.88	
3781428.78	9.20749			
401928.88	3781428.78	9.26146	401948.88	
3781428.78	9.25327			
401968.88	3781428.78	9.11853	401988.88	
3781428.78	8.95811			

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        402008.88     3781428.78        8.70888                         402028.88
3781428.78        8.47086
        402048.88     3781428.78        8.20408                         402068.88
3781428.78        7.88744
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↑ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

                              PAGE 140
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                                  *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


      X-COORD (M)    Y-COORD (M)       CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        402088.88     3781428.78        7.58332                         402108.88
3781428.78        7.28597
        402128.88     3781428.78        6.95213                         402148.88
3781428.78        6.61678
        402168.88     3781428.78        6.25314                         402188.88
3781428.78        5.89263
        402208.88     3781428.78        5.56451                         402228.88
3781428.78        5.25464
        402248.88     3781428.78        4.96274                         402268.88
3781428.78        4.69467
        402288.88     3781428.78        4.43522                         402308.88
3781428.78        4.18859
        402328.88     3781428.78        3.96542                         402348.88
3781428.78        3.74762
        402368.88     3781428.78        3.54211                         402388.88
3781428.78        3.37019
        402408.88     3781428.78        3.21021                         402428.88
```

	3781428.78	3.06307	
402448.88	3781428.78	2.91577	402468.88
3781428.78	2.75275		
402488.88	3781428.78	2.63148	402508.88
3781428.78	2.52167		
401308.88	3781448.78	2.51585	401328.88
3781448.78	2.63298		
401348.88	3781448.78	2.75980	401368.88
3781448.78	2.88622		
401388.88	3781448.78	3.03321	401408.88
3781448.78	3.19413		
401428.88	3781448.78	3.35914	401448.88
3781448.78	3.53325		
401468.88	3781448.78	3.71839	401488.88
3781448.78	3.93443		
401508.88	3781448.78	4.13654	401528.88
3781448.78	4.37348		
401548.88	3781448.78	4.60205	401568.88
3781448.78	4.88654		
401588.88	3781448.78	5.19371	401608.88
3781448.78	5.48053		
401628.88	3781448.78	5.82543	401648.88
3781448.78	6.17210		
401668.88	3781448.78	6.55034	401688.88
3781448.78	6.94456		
401708.88	3781448.78	7.33076	401728.88
3781448.78	7.73907		
401748.88	3781448.78	8.16522	401768.88
3781448.78	8.57545		
401788.88	3781448.78	8.97480	401808.88
3781448.78	9.33103		
401828.88	3781448.78	9.65683	401848.88
3781448.78	9.96193		
401868.88	3781448.78	10.17282	401888.88
3781448.78	10.36145		
401908.88	3781448.78	10.46148	401928.88
3781448.78	10.52205		
401948.88	3781448.78	10.43537	401968.88
3781448.78	10.33267		
401988.88	3781448.78	10.11550	402008.88
3781448.78	9.86479		
402028.88	3781448.78	9.59660	402048.88
3781448.78	9.25479		
402068.88	3781448.78	8.87636	402088.88
3781448.78	8.47872		
402108.88	3781448.78	8.08132	402128.88
3781448.78	7.68591		
402148.88	3781448.78	7.27700	402168.88
3781448.78	6.82731		
402188.88	3781448.78	6.40623	402208.88

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3781448.78        6.00309
        402228.88     3781448.78        5.64842                         402248.88
3781448.78        5.30718
        402268.88     3781448.78        4.99540                         402288.88
3781448.78        4.70516
        402308.88     3781448.78        4.42222                         402328.88
3781448.78        4.17081
        402348.88     3781448.78        3.91780                         402368.88
3781448.78        3.70945
        402388.88     3781448.78        3.52021                         402408.88
3781448.78        3.34803
        402428.88     3781448.78        3.17492                         402448.88
3781448.78        3.01761
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at ***
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 141

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402468.88   3781448.78   2.85484   402488.88
3781448.78   2.73695
        402508.88   3781448.78   2.61991   401308.88
3781468.78   2.57593
        401328.88   3781468.78   2.69983   401348.88
3781468.78   2.83347
        401368.88   3781468.78   2.96990   401388.88
3781468.78   3.12409

```
        401408.88    3781468.78          3.29508                          401428.88
3781468.78        3.47368
        401448.88    3781468.78          3.66100                          401468.88
3781468.78        3.86412
        401488.88    3781468.78          4.09403                          401508.88
3781468.78        4.32022
        401528.88    3781468.78          4.58411                          401548.88
3781468.78        4.83834
        401568.88    3781468.78          5.15637                          401588.88
3781468.78        5.50027
        401608.88    3781468.78          5.81927                          401628.88
3781468.78        6.21823
        401648.88    3781468.78          6.64856                          401668.88
3781468.78        7.08690
        401688.88    3781468.78          7.51668                          401708.88
3781468.78        8.01140
        401728.88    3781468.78          8.52238                          401748.88
3781468.78        9.06740
        401768.88    3781468.78          9.59151                          401788.88
3781468.78        10.08972
        401808.88    3781468.78          10.56200                         401828.88
3781468.78        10.99889
        401848.88    3781468.78          11.37463                         401868.88
3781468.78        11.65153
        401888.88    3781468.78          11.89732                         401908.88
3781468.78        12.02912
        401928.88    3781468.78          11.99294                         401948.88
3781468.78        11.95310
        401968.88    3781468.78          11.83883                         401988.88
3781468.78        11.59908
        402008.88    3781468.78          11.28674                         402028.88
3781468.78        10.93643
        402048.88    3781468.78          10.51186                         402068.88
3781468.78        10.02591
        402088.88    3781468.78          9.54130                          402108.88
3781468.78        9.04116
        402128.88    3781468.78          8.53614                          402148.88
3781468.78        8.00552
        402168.88    3781468.78          7.49383                          402188.88
3781468.78        6.98538
        402208.88    3781468.78          6.49132                          402228.88
3781468.78        6.07776
        402248.88    3781468.78          5.67598                          402268.88
3781468.78        5.30859
        402288.88    3781468.78          4.97894                          402308.88
3781468.78        4.66980
        402328.88    3781468.78          4.38689                          402348.88
3781468.78        4.11433
        402368.88    3781468.78          3.88418                          402388.88
3781468.78        3.68201
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        402408.88    3781468.78        3.49230                        402428.88
3781468.78        3.30536
        402448.88    3781468.78        3.12328                        402468.88
3781468.78        2.94932
        402488.88    3781468.78        2.81802                        402508.88
3781468.78        2.69062
        401308.88    3781488.78        2.63535                        401328.88
3781488.78        2.76487
        401348.88    3781488.78        2.90607                        401368.88
3781488.78        3.05149
        401388.88    3781488.78        3.21647                        401408.88
3781488.78        3.39694
        401428.88    3781488.78        3.58738                        401448.88
3781488.78        3.79020
        401468.88    3781488.78        4.00982                        401488.88
3781488.78        4.25871
        401508.88    3781488.78        4.50733                        401528.88
3781488.78        4.79816
        401548.88    3781488.78        5.08145                        401568.88
3781488.78        5.43183
        401588.88    3781488.78        5.80638                        401608.88
3781488.78        6.18094
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 142
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
    -
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- - - - - - - - - - - - - - - - - - - - - - - - -
```
      401628.88   3781488.78   6.62390   401648.88
3781488.78   7.10879
      401668.88   3781488.78   7.62058   401688.88
3781488.78   8.17922
      401708.88   3781488.78   8.78189   401728.88
3781488.78   9.40249
      401748.88   3781488.78   10.06501   401768.88
3781488.78   10.75597
      401788.88   3781488.78   11.41711   401808.88
3781488.78   12.05060
      401828.88   3781488.78   12.63371   401848.88
3781488.78   13.11115
      401868.88   3781488.78   13.51122   401888.88
3781488.78   13.86566
      401908.88   3781488.78   14.02578   401928.88
3781488.78   14.02906
      401948.88   3781488.78   13.96706   401968.88
3781488.78   13.80116
      401988.88   3781488.78   13.56470   402008.88
3781488.78   13.08976
      402028.88   3781488.78   12.62771   402048.88
3781488.78   12.07901
      402068.88   3781488.78   11.45964   402088.88
3781488.78   10.80901
      402108.88   3781488.78   10.18825   402128.88
3781488.78   9.50155
      402148.88   3781488.78   8.99586   402168.88
3781488.78   8.35787
      402188.88   3781488.78   7.73083   402208.88
3781488.78   7.03732
      402228.88   3781488.78   6.52548   402248.88
3781488.78   6.06831
      402268.88   3781488.78   5.65416   402288.88
3781488.78   5.29658
      402308.88   3781488.78   4.92932   402328.88
3781488.78   4.61312
      402348.88   3781488.78   4.32227   402368.88
3781488.78   4.07702
      402388.88   3781488.78   3.86314   402408.88
3781488.78   3.65130
      402428.88   3781488.78   3.43909   402448.88
3781488.78   3.25720
      402468.88   3781488.78   3.08235   402488.88
3781488.78   2.91076
      402508.88   3781488.78   2.80776   401308.88
3781508.78   2.68535
      401328.88   3781508.78   2.82375   401348.88
3781508.78   2.97303
      401368.88   3781508.78   3.13005   401388.88
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3781508.78   3.30320
        401408.88   3781508.78   3.49389   401428.88
3781508.78   3.69956
        401448.88   3781508.78   3.91900   401468.88
3781508.78   4.15414
        401488.88   3781508.78   4.42529   401508.88
3781508.78   4.70368
        401528.88   3781508.78   5.02463   401548.88
3781508.78   5.33114
        401568.88   3781508.78   5.71432   401588.88
3781508.78   6.12557
        401608.88   3781508.78   6.57237   401628.88
3781508.78   7.06940
        401648.88   3781508.78   7.63018   401668.88
3781508.78   8.23906
        401688.88   3781508.78   8.89293   401708.88
3781508.78   9.64688
        401728.88   3781508.78   10.49058   401748.88
3781508.78   11.26120
        401768.88   3781508.78   12.16756   401788.88
3781508.78   13.01856
        401808.88   3781508.78   13.85436   401828.88
3781508.78   14.60191
        401848.88   3781508.78   15.33259   401868.88
3781508.78   15.91527
        401888.88   3781508.78   16.34292   401908.88
3781508.78   16.56343
        401928.88   3781508.78   16.44140   401948.88
3781508.78   16.37824
        401968.88   3781508.78   16.24667   401988.88
3781508.78   15.87312
```
⤒ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***       04/07/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       05:36:20


                        PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                        *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                        INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .    ,

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)      CONC                    X-COORD (M)
Y-COORD (M)      CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         402008.88    3781508.78      15.39618                   402028.88
3781508.78      14.79127
         402048.88    3781508.78      14.06475                   402068.88
3781508.78      13.29105
         402088.88    3781508.78      12.43196                   402108.88
3781508.78      11.56521
         402128.88    3781508.78      10.71223                   402148.88
3781508.78       9.96805
         402168.88    3781508.78       9.15609                   402188.88
3781508.78       8.42152
         402208.88    3781508.78       7.63045                   402228.88
3781508.78       7.03291
         402248.88    3781508.78       6.48815                   402268.88
3781508.78       5.99356
         402288.88    3781508.78       5.57407                   402308.88
3781508.78       5.20065
         402328.88    3781508.78       4.83957                   402348.88
3781508.78       4.53830
         402368.88    3781508.78       4.27560                   402388.88
3781508.78       4.02837
         402408.88    3781508.78       3.80069                   402428.88
3781508.78       3.57307
         402448.88    3781508.78       3.36763                   402468.88
3781508.78       3.19509
         402488.88    3781508.78       3.02373                   402508.88
3781508.78       2.89071
         401308.88    3781528.78       2.73037                   401328.88
3781528.78       2.87448
         401348.88    3781528.78       3.03001                   401368.88
3781528.78       3.19993
         401388.88    3781528.78       3.38415                   401408.88
3781528.78       3.58449
         401428.88    3781528.78       3.80420                   401448.88
3781528.78       4.03852
         401468.88    3781528.78       4.29547                   401488.88
3781528.78       4.58383
         401508.88    3781528.78       4.88698                   401528.88
3781528.78       5.23301
         401548.88    3781528.78       5.58262                   401568.88
3781528.78       6.00714

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        401588.88   3781528.78   6.47428   401608.88
3781528.78   6.96414
        401628.88   3781528.78   7.52827   401648.88
3781528.78   8.18105
        401668.88   3781528.78   8.90818   401688.88
3781528.78   9.71146
        401708.88   3781528.78   10.63117   401728.88
3781528.78   11.68484
        401748.88   3781528.78   12.68896   401768.88
3781528.78   13.87462
        401788.88   3781528.78   15.11131   401808.88
3781528.78   16.29200
        401828.88   3781528.78   17.25863   401848.88
3781528.78   18.26390
        401868.88   3781528.78   19.11971   401888.88
3781528.78   19.68542
        401908.88   3781528.78   19.95135   401928.88
3781528.78   20.13264
        401948.88   3781528.78   20.11101   401968.88
3781528.78   19.79364
        401988.88   3781528.78   19.34218   402008.88
3781528.78   18.49594
        402028.88   3781528.78   17.68070   402048.88
3781528.78   16.70525
        402068.88   3781528.78   15.66195   402088.88
3781528.78   14.50297
        402108.88   3781528.78   13.33882   402128.88
3781528.78   12.19227
        402148.88   3781528.78   11.10040   402168.88
3781528.78   10.07977
        402188.88   3781528.78   9.17498   402208.88
3781528.78   8.29413
        402228.88   3781528.78   7.62509   402248.88
3781528.78   6.99305
        402268.88   3781528.78   6.42822   402288.88
3781528.78   5.93547
        402308.88   3781528.78   5.48356   402328.88
3781528.78   5.09565
        402348.88   3781528.78   4.82913   402368.88
3781528.78   4.47987
```
⊼ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at *** 

                              PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                        *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***

                              INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
              L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
              L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
              L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 402388.88 | 3781528.78 | 4.21166 | 402408.88 | 3781528.78 | 3.96311 |
| 402428.88 | 3781528.78 | 3.73845 | 402448.88 | 3781528.78 | 3.52624 |
| 402468.88 | 3781528.78 | 3.39332 | 402488.88 | 3781528.78 | 3.20964 |
| 402508.88 | 3781528.78 | 2.96977 | 401308.88 | 3781548.78 | 2.76633 |
| 401328.88 | 3781548.78 | 2.91378 | 401348.88 | 3781548.78 | 3.07754 |
| 401368.88 | 3781548.78 | 3.25911 | 401388.88 | 3781548.78 | 3.45331 |
| 401408.88 | 3781548.78 | 3.66387 | 401428.88 | 3781548.78 | 3.89534 |
| 401448.88 | 3781548.78 | 4.14953 | 401468.88 | 3781548.78 | 4.42848 |
| 401488.88 | 3781548.78 | 4.73754 | 401508.88 | 3781548.78 | 5.06077 |
| 401528.88 | 3781548.78 | 5.44147 | 401548.88 | 3781548.78 | 5.83302 |
| 401568.88 | 3781548.78 | 6.29870 | 401588.88 | 3781548.78 | 6.82515 |
| 401608.88 | 3781548.78 | 7.42505 | 401628.88 | 3781548.78 | 8.09472 |
| 401648.88 | 3781548.78 | 8.82225 | 401668.88 | 3781548.78 | 9.67219 |
| 401688.88 | 3781548.78 | 10.61631 | 401708.88 | 3781548.78 | 11.70218 |
| 401728.88 | 3781548.78 | 13.00471 | 401748.88 | 3781548.78 | 14.40827 |
| 401768.88 | 3781548.78 | 16.08413 | 401788.88 | | |

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3781548.78   17.83222
         401808.88   3781548.78   19.55521   401828.88
3781548.78   21.18813
         401848.88   3781548.78   22.55950   401868.88
3781548.78   23.59423
         401888.88   3781548.78   24.37341   401908.88
3781548.78   24.67760
         401928.88   3781548.78   24.87257   401948.88
3781548.78   24.75166
         401968.88   3781548.78   24.32569   401988.88
3781548.78   23.69559
         402008.88   3781548.78   22.79234   402028.88
3781548.78   21.79294
         402048.88   3781548.78   20.48089   402068.88
3781548.78   18.92594
         402088.88   3781548.78   17.22788   402108.88
3781548.78   15.62184
         402128.88   3781548.78   13.99370   402148.88
3781548.78   12.51719
         402168.88   3781548.78   11.23675   402188.88
3781548.78   10.05480
         402208.88   3781548.78   9.01859   402228.88
3781548.78   8.20272
         402248.88   3781548.78   7.45078   402268.88
3781548.78   6.81659
         402288.88   3781548.78   6.27552   402308.88
3781548.78   5.76903
         402328.88   3781548.78   5.35960   402348.88
3781548.78   5.09456
         402368.88   3781548.78   4.67150   402388.88
3781548.78   4.40443
         402408.88   3781548.78   4.13120   402428.88
3781548.78   3.88375
         402448.88   3781548.78   3.65167   402468.88
3781548.78   3.47011
         402488.88   3781548.78   3.32680   402508.88
3781548.78   3.10888
         401308.88   3781568.78   2.79203   401328.88
3781568.78   2.93934
         401348.88   3781568.78   3.11230   401368.88
3781568.78   3.30497
         401388.88   3781568.78   3.50778   401408.88
3781568.78   3.72983
         401428.88   3781568.78   3.97381   401448.88
3781568.78   4.24665
         401468.88   3781568.78   4.54593   401488.88
3781568.78   4.87494
         401508.88   3781568.78   5.23257   401528.88
3781568.78   5.63774
```
⬆ *** AERMOD - VERSION  19191 ***    *** F:\Lakes\Meadows at Sierra Madre\Meadows at

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .     ,


                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **


      X-COORD (M)   Y-COORD (M)      CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        401548.88   3781568.78      6.07756                   401568.88
3781568.78        6.59128
        401588.88   3781568.78      7.17090                   401608.88
3781568.78        7.83693
        401628.88   3781568.78      8.59831                   401648.88
3781568.78        9.41388
        401668.88   3781568.78     10.35725                   401688.88
3781568.78       11.52891
        401708.88   3781568.78     12.90341                   401728.88
3781568.78       14.64073
        401748.88   3781568.78     16.52391                   401768.88
3781568.78       18.91647
        401788.88   3781568.78     21.57954                   401808.88
3781568.78       24.29761
        401828.88   3781568.78     26.78135                   401848.88
3781568.78       28.80406
        401868.88   3781568.78     30.29790                   401888.88
3781568.78       31.41681
        401908.88   3781568.78     31.77085                   401928.88
3781568.78       31.78336
        401948.88   3781568.78     31.83379                   401968.88
3781568.78       31.34119

| | | | | |
|---|---|---|---|---|
| 401988.88 | 3781568.78 | 30.46278 | 402008.88 | |
| 3781568.78 | 29.15545 | | | |
| 402028.88 | 3781568.78 | 27.79320 | 402048.88 | |
| 3781568.78 | 26.17650 | | | |
| 402068.88 | 3781568.78 | 23.73495 | 402088.88 | |
| 3781568.78 | 21.26899 | | | |
| 402108.88 | 3781568.78 | 18.73194 | 402128.88 | |
| 3781568.78 | 16.27577 | | | |
| 402148.88 | 3781568.78 | 14.19400 | 402168.88 | |
| 3781568.78 | 12.47563 | | | |
| 402188.88 | 3781568.78 | 11.06606 | 402208.88 | |
| 3781568.78 | 9.78486 | | | |
| 402228.88 | 3781568.78 | 8.80299 | 402248.88 | |
| 3781568.78 | 7.92198 | | | |
| 402268.88 | 3781568.78 | 7.21973 | 402288.88 | |
| 3781568.78 | 6.59806 | | | |
| 402308.88 | 3781568.78 | 6.05546 | 402328.88 | |
| 3781568.78 | 5.63265 | | | |
| 402348.88 | 3781568.78 | 5.27738 | 402368.88 | |
| 3781568.78 | 4.87654 | | | |
| 402388.88 | 3781568.78 | 4.55606 | 402408.88 | |
| 3781568.78 | 4.27199 | | | |
| 402428.88 | 3781568.78 | 4.02061 | 402448.88 | |
| 3781568.78 | 3.77682 | | | |
| 402468.88 | 3781568.78 | 3.56015 | 402488.88 | |
| 3781568.78 | 3.41634 | | | |
| 402508.88 | 3781568.78 | 3.24125 | 401308.88 | |
| 3781588.78 | 2.80256 | | | |
| 401328.88 | 3781588.78 | 2.96068 | 401348.88 | |
| 3781588.78 | 3.13250 | | | |
| 401368.88 | 3781588.78 | 3.33899 | 401388.88 | |
| 3781588.78 | 3.55035 | | | |
| 401408.88 | 3781588.78 | 3.76777 | 401428.88 | |
| 3781588.78 | 4.02712 | | | |
| 401448.88 | 3781588.78 | 4.31982 | 401468.88 | |
| 3781588.78 | 4.64045 | | | |
| 401488.88 | 3781588.78 | 4.98415 | 401508.88 | |
| 3781588.78 | 5.39007 | | | |
| 401528.88 | 3781588.78 | 5.82777 | 401548.88 | |
| 3781588.78 | 6.31243 | | | |
| 401568.88 | 3781588.78 | 6.87383 | 401588.88 | |
| 3781588.78 | 7.51603 | | | |
| 401608.88 | 3781588.78 | 8.23453 | 401628.88 | |
| 3781588.78 | 9.06429 | | | |
| 401648.88 | 3781588.78 | 10.05129 | 401668.88 | |
| 3781588.78 | 11.17482 | | | |
| 401688.88 | 3781588.78 | 12.57577 | 401708.88 | |
| 3781588.78 | 14.28604 | | | |
| 401728.88 | 3781588.78 | 16.45606 | 401748.88 | |
| 3781588.78 | 19.11199 | | | |

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        401768.88    3781588.78        22.67760                        401788.88
3781588.78        27.21064
        401808.88    3781588.78        32.33627                        401828.88
3781588.78        36.82804
        401848.88    3781588.78        39.81511                        401868.88
3781588.78        41.53701
        401888.88    3781588.78        43.22827                        401908.88
3781588.78        43.59327
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 146
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                        *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                        INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
            L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
            L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
            L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .      ,


                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                        ** CONC OF PM_10    IN MICROGRAMS/M**3
            **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401928.88	3781588.78	43.41017	401948.88	3781588.78	43.38181
401968.88	3781588.78	42.78941	401988.88	3781588.78	41.59028
402008.88	3781588.78	40.05466	402028.88	3781588.78	37.99714
402048.88	3781588.78	35.23355	402068.88	3781588.78	32.04688
402088.88	3781588.78	27.91103	402108.88	3781588.78	23.26477
402128.88	3781588.78	19.28844	402148.88	3781588.78	16.23268
402168.88	3781588.78	13.87771	402188.88		

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3781588.78        12.07712
        402208.88    3781588.78        10.59990                        402228.88
3781588.78         9.42736
        402248.88    3781588.78         8.44273                        402268.88
3781588.78         7.62877
        402288.88    3781588.78         6.92028                        402308.88
3781588.78         6.38881
        402328.88    3781588.78         5.92762                        402348.88
3781588.78         5.42797
        402368.88    3781588.78         5.04043                        402388.88
3781588.78         4.71046
        402408.88    3781588.78         4.41295                        402428.88
3781588.78         4.13070
        402448.88    3781588.78         3.88473                        402468.88
3781588.78         3.66405
        402488.88    3781588.78         3.47588                        402508.88
3781588.78         3.30604
        401308.88    3781608.78         2.81031                        401328.88
3781608.78         2.96914
        401348.88    3781608.78         3.14599                        401368.88
3781608.78         3.35858
        401388.88    3781608.78         3.56592                        401408.88
3781608.78         3.79912
        401428.88    3781608.78         4.07040                        401448.88
3781608.78         4.38306
        401468.88    3781608.78         4.71786                        401488.88
3781608.78         5.07677
        401508.88    3781608.78         5.51085                        401528.88
3781608.78         5.98577
        401548.88    3781608.78         6.52115                        401568.88
3781608.78         7.12855
        401588.88    3781608.78         7.82706                        401608.88
3781608.78         8.62063
        401628.88    3781608.78         9.55486                        401648.88
3781608.78        10.66053
        401668.88    3781608.78        11.88843                        401688.88
3781608.78        13.56822
        401708.88    3781608.78        15.65698                        401728.88
3781608.78        18.30613
        401748.88    3781608.78        22.10139                        401768.88
3781608.78        27.46479
        401788.88    3781608.78        35.95813                        401808.88
3781608.78        48.69378
        401828.88    3781608.78        57.74084                        401848.88
3781608.78        63.18316
        401868.88    3781608.78        65.97185                        401888.88
3781608.78        68.47664
        401908.88    3781608.78        69.84606                        401928.88
3781608.78        68.96389
        401948.88    3781608.78        68.86145                        401968.88
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3781608.78      67.67624
         401988.88     3781608.78      66.39153                        402008.88
3781608.78      63.87204
         402028.88     3781608.78      60.67790                        402048.88
3781608.78      57.02103
         402068.88     3781608.78      52.15201                        402088.88
3781608.78      43.46138
         402108.88     3781608.78      31.06900                        402128.88
3781608.78      23.03400
         402148.88     3781608.78      18.43730                        402168.88
3781608.78      15.35367
         402188.88     3781608.78      13.09797                        402208.88
3781608.78      11.37940
         402228.88     3781608.78      10.01181                        402248.88
3781608.78       8.94143
         402268.88     3781608.78       8.00749                        402288.88
3781608.78       7.28549
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                          PAGE 147
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
       402308.88   3781608.78   6.84821   402328.88
3781608.78   6.29958
       402348.88   3781608.78   5.64937   402368.88
3781608.78   5.21084

402388.88	3781608.78	4.86984	402408.88	
3781608.78	4.55836			
402428.88	3781608.78	4.26943	402448.88	
3781608.78	3.99702			
402468.88	3781608.78	3.76169	402488.88	
3781608.78	3.55484			
402508.88	3781608.78	3.36038	401308.88	
3781628.78	2.80927			
401328.88	3781628.78	2.97039	401348.88	
3781628.78	3.14856			
401368.88	3781628.78	3.35898	401388.88	
3781628.78	3.57792			
401408.88	3781628.78	3.81911	401428.88	
3781628.78	4.10207			
401448.88	3781628.78	4.41987	401468.88	
3781628.78	4.77382			
401488.88	3781628.78	5.15091	401508.88	
3781628.78	5.61923			
401528.88	3781628.78	6.11131	401548.88	
3781628.78	6.69584			
401568.88	3781628.78	7.34528	401588.88	
3781628.78	8.10062			
401608.88	3781628.78	8.98534	401628.88	
3781628.78	10.01152			
401648.88	3781628.78	11.25361	401668.88	
3781628.78	12.75231			
401688.88	3781628.78	14.61643	401708.88	
3781628.78	17.10143			
401728.88	3781628.78	20.39892	401748.88	
3781628.78	25.19811			
401768.88	3781628.78	32.93302	401788.88	
3781628.78	49.61539			
402128.88	3781628.78	26.90398	402148.88	
3781628.78	20.63487			
402168.88	3781628.78	16.82655	402188.88	
3781628.78	14.13776			
402208.88	3781628.78	12.17150	402228.88	
3781628.78	10.65199			
402248.88	3781628.78	9.39782	402268.88	
3781628.78	8.44642			
402288.88	3781628.78	7.86880	402308.88	
3781628.78	7.23969			
402328.88	3781628.78	6.57613	402348.88	
3781628.78	5.87015			
402368.88	3781628.78	5.38866	402388.88	
3781628.78	5.08936			
402408.88	3781628.78	4.74540	402428.88	
3781628.78	4.38901			
402448.88	3781628.78	4.10271	402468.88	
3781628.78	3.85099			

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      402488.88    3781628.78         3.62217                              402508.88
3781628.78       3.41240
      401308.88    3781648.78         2.79321                              401328.88
3781648.78       2.96276
      401348.88    3781648.78         3.14381                              401368.88
3781648.78       3.34431
      401388.88    3781648.78         3.57659                              401408.88
3781648.78       3.83191
      401428.88    3781648.78         4.11987                              401448.88
3781648.78       4.43936
      401468.88    3781648.78         4.80638                              401488.88
3781648.78       5.21709
      401508.88    3781648.78         5.68962                              401528.88
3781648.78       6.22551
      401548.88    3781648.78         6.83216                              401568.88
3781648.78       7.52582
      401588.88    3781648.78         8.33216                              401608.88
3781648.78       9.27785
      401628.88    3781648.78        10.38369                              401648.88
3781648.78      11.74657
      401668.88    3781648.78        13.42657                              401688.88
3781648.78      15.53668
      401708.88    3781648.78        18.35534                              401728.88
3781648.78      22.19203
      401748.88    3781648.78        27.94768                              401768.88
3781648.78      37.55002
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                             ***   05:36:20

                                 PAGE 148
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
           **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401788.88	3781648.78	59.21310	402108.88	3781648.78	44.03163
402128.88	3781648.78	29.19360	402148.88	3781648.78	22.30553
402168.88	3781648.78	18.00885	402188.88	3781648.78	14.99094
402208.88	3781648.78	12.84076	402228.88	3781648.78	11.18210
402248.88	3781648.78	9.87385	402268.88	3781648.78	9.15276
402288.88	3781648.78	8.35278	402308.88	3781648.78	7.53878
402328.88	3781648.78	6.70732	402348.88	3781648.78	6.03891
402368.88	3781648.78	5.55436	402388.88	3781648.78	5.24492
402408.88	3781648.78	4.90088	402428.88	3781648.78	4.50388
402448.88	3781648.78	4.20876	402468.88	3781648.78	3.93829
402488.88	3781648.78	3.69924	402508.88	3781648.78	3.48233
401308.88	3781668.78	2.76911	401328.88	3781668.78	2.93361
401348.88	3781668.78	3.11416	401368.88	3781668.78	3.31342
401388.88	3781668.78	3.54712	401408.88	3781668.78	3.81437
401428.88	3781668.78	4.10417	401448.88	3781668.78	4.42942
401468.88	3781668.78	4.81894	401488.88	3781668.78	5.24694
401508.88	3781668.78	5.73595	401528.88	3781668.78	6.28037
401548.88	3781668.78	6.93357	401568.88	3781668.78	7.64149
401588.88	3781668.78	8.50042	401608.88	3781668.78	9.49440
401628.88	3781668.78	10.71702	401648.88	3781668.78	12.17946
401668.88	3781668.78	14.01081	401688.88	3781668.78	16.33761
401708.88	3781668.78	19.45656	401728.88	3781668.78	23.73899
401748.88	3781668.78	30.19652	401768.88		

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3781668.78        41.01976
        401788.88    3781668.78        64.68489                        402108.88
3781668.78        42.64622
        402128.88    3781668.78        30.06746                        402148.88
3781668.78        23.33763
        402168.88    3781668.78        18.89560                        402188.88
3781668.78        15.85106
        402208.88    3781668.78        13.52341                        402228.88
3781668.78        11.59247
        402248.88    3781668.78        10.28033                        402268.88
3781668.78         9.59161
        402288.88    3781668.78         8.71163                        402308.88
3781668.78         7.89256
        402328.88    3781668.78         6.90153                        402348.88
3781668.78         6.23034
        402368.88    3781668.78         5.70436                        402388.88
3781668.78         5.31396
        402408.88    3781668.78         5.00692                        402428.88
3781668.78         4.60217
        402448.88    3781668.78         4.29345                        402468.88
3781668.78         4.01688
        402488.88    3781668.78         3.78121                        402508.88
3781668.78         3.56034
        401308.88    3781688.78         2.75719                        401328.88
3781688.78         2.91882
        401348.88    3781688.78         3.10120                        401368.88
3781688.78         3.29951
        401388.88    3781688.78         3.53551                        401408.88
3781688.78         3.80840
        401428.88    3781688.78         4.11770                        401448.88
3781688.78         4.45086
        401468.88    3781688.78         4.83939                        401488.88
3781688.78         5.27772
        401508.88    3781688.78         5.78405                        401528.88
3781688.78         6.34160
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 149
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018

, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

        X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
   -
- -
          401548.88   3781688.78   6.99339   401568.88
3781688.78   7.74567
          401588.88   3781688.78   8.63488   401608.88
3781688.78   9.67648
          401628.88   3781688.78   10.93482   401648.88
3781688.78   12.48188
          401668.88   3781688.78   14.42168   401688.88
3781688.78   16.90397
          401708.88   3781688.78   20.20341   401728.88
3781688.78   24.78766
          401748.88   3781688.78   31.51883   401768.88
3781688.78   42.95557
          401788.88   3781688.78   67.76480   402088.88
3781688.78   63.41588
          402108.88   3781688.78   40.65808   402128.88
3781688.78   30.08753
          402148.88   3781688.78   23.77917   402168.88
3781688.78   19.40881
          402188.88   3781688.78   16.28581   402208.88
3781688.78   13.84773
          402228.88   3781688.78   12.10893   402248.88
3781688.78   10.83921
          402268.88   3781688.78   9.66644   402288.88
3781688.78   9.11611
          402308.88   3781688.78   8.21546   402328.88
3781688.78   7.27672
          402348.88   3781688.78   6.45344   402368.88
3781688.78   5.83337
          402388.88   3781688.78   5.44900   402408.88
3781688.78   5.08039
          402428.88   3781688.78   4.70878   402448.88
3781688.78   4.38839
          402468.88   3781688.78   4.10895   402488.88
3781688.78   3.86847
          402508.88   3781688.78   3.65760   401308.88
3781708.78   2.64620

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        401328.88    3781708.78         2.79170                              401348.88
3781708.78        2.97461
        401368.88    3781708.78         3.17334                              401388.88
3781708.78        3.41692
        401408.88    3781708.78         3.68767                              401428.88
3781708.78        3.98500
        401448.88    3781708.78         4.33345                              401468.88
3781708.78        4.71877
        401488.88    3781708.78         5.16856                              401508.88
3781708.78        5.67882
        401528.88    3781708.78         6.31532                              401548.88
3781708.78        7.02042
        401568.88    3781708.78         7.79453                              401588.88
3781708.78        8.70463
        401608.88    3781708.78         9.76414                              401628.88
3781708.78       11.04041
        401648.88    3781708.78        12.61986                              401668.88
3781708.78       14.57708
        401688.88    3781708.78        17.20975                              401708.88
3781708.78       20.53377
        401728.88    3781708.78        25.33085                              401748.88
3781708.78       32.18225
        401768.88    3781708.78        43.69942                              401788.88
3781708.78       69.36937
        402088.88    3781708.78        56.16362                              402108.88
3781708.78       38.85012
        402128.88    3781708.78        29.86285                              402148.88
3781708.78       24.01794
        402168.88    3781708.78        19.88289                              402188.88
3781708.78       16.73437
        402208.88    3781708.78        14.11863                              402228.88
3781708.78       12.49995
        402248.88    3781708.78        11.52391                              402268.88
3781708.78        9.76494
        402288.88    3781708.78         9.41483                              402308.88
3781708.78        8.59469
        402328.88    3781708.78         7.72838                              402348.88
3781708.78        6.57454
        402368.88    3781708.78         5.94853                              402388.88
3781708.78        5.64580
        402408.88    3781708.78         5.17170                              402428.88
3781708.78        4.83825
        402448.88    3781708.78         4.53266                              402468.88
3781708.78        4.21751
```

↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                    PAGE 150

```
    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP      ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
               L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
               L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
               L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .       ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
               **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         402488.88    3781708.78       3.96284                      402508.88
3781708.78        3.76805
         401308.88    3781728.78       2.61741                      401328.88
3781728.78        2.77382
         401348.88    3781728.78       2.96379                      401368.88
3781728.78        3.16911
         401388.88    3781728.78       3.40123                      401408.88
3781728.78        3.67188
         401428.88    3781728.78       3.97560                      401448.88
3781728.78        4.31895
         401468.88    3781728.78       4.71011                      401488.88
3781728.78        5.14947
         401508.88    3781728.78       5.67514                      401528.88
3781728.78        6.32114
         401548.88    3781728.78       7.01188                      401568.88
3781728.78        7.78460
         401588.88    3781728.78       8.71064                      401608.88
3781728.78        9.75190
         401628.88    3781728.78       11.04937                     401648.88
3781728.78        12.62867
         401668.88    3781728.78       14.62329                     401688.88
3781728.78        17.20246
         401708.88    3781728.78       20.67976                     401728.88
3781728.78        25.46085
         401748.88    3781728.78       32.38987                     401768.88
3781728.78        44.14871
         401788.88    3781728.78       70.01402                     402088.88
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3781728.78      50.71216
        402108.88    3781728.78        37.00621                    402128.88
3781728.78      29.07104
        402148.88    3781728.78        23.87590                    402168.88
3781728.78      20.10823
        402188.88    3781728.78        17.22046                    402208.88
3781728.78      14.72932
        402228.88    3781728.78        12.84076                    402248.88
3781728.78      11.61740
        402268.88    3781728.78        10.39511                    402288.88
3781728.78       9.44073
        402308.88    3781728.78         8.86837                    402328.88
3781728.78       7.77295
        402348.88    3781728.78         6.92789                    402368.88
3781728.78       6.14535
        402388.88    3781728.78         5.77626                    402408.88
3781728.78       5.27458
        402428.88    3781728.78         4.94603                    402448.88
3781728.78       4.64502
        402468.88    3781728.78         4.35616                    402488.88
3781728.78       4.08578
        402508.88    3781728.78         3.87304                    401308.88
3781748.78       2.57317
        401328.88    3781748.78         2.73202                    401348.88
3781748.78       2.91679
        401368.88    3781748.78         3.11909                    401388.88
3781748.78       3.35292
        401408.88    3781748.78         3.61944                    401428.88
3781748.78       3.91304
        401448.88    3781748.78         4.27232                    401468.88
3781748.78       4.64235
        401488.88    3781748.78         5.08404                    401508.88
3781748.78       5.61067
        401528.88    3781748.78         6.24153                    401548.88
3781748.78       6.95192
        401568.88    3781748.78         7.70774                    401588.88
3781748.78       8.62596
        401608.88    3781748.78         9.62809                    401628.88
3781748.78      10.90366
        401648.88    3781748.78        12.46619                    401668.88
3781748.78      14.41081
        401688.88    3781748.78        16.93485                    401708.88
3781748.78      20.37508
        401728.88    3781748.78        25.07862                    401748.88
3781748.78      31.80480
        401768.88    3781748.78        43.65575                    401788.88
3781748.78      69.70991
        402068.88    3781748.78        69.51135                    402088.88
3781748.78      45.81266
        402108.88    3781748.78        34.71460                    402128.88
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```
3781748.78      27.78628
        402148.88    3781748.78      22.82452                          402168.88
3781748.78      19.23222
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 151
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
           L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
           L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
           L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
           **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402188.88   3781748.78   16.56222   402208.88
3781748.78   14.65671
        402228.88   3781748.78   13.07373   402248.88
3781748.78   11.62391
        402268.88   3781748.78   10.55667   402288.88
3781748.78   9.74224
        402308.88   3781748.78   9.04396   402328.88
3781748.78   8.29168
        402348.88   3781748.78   7.20054   402368.88
3781748.78   6.52310
        402388.88   3781748.78   5.97448   402408.88
3781748.78   5.51667
        402428.88   3781748.78   5.12797   402448.88
3781748.78   4.93497
        402468.88   3781748.78   4.50617   402488.88
3781748.78   4.27279
        402508.88   3781748.78   4.01220   401308.88
3781768.78   2.51941
```

401328.88	3781768.78	2.67570	401348.88	
3781768.78	2.85829			
401368.88	3781768.78	3.04850	401388.88	
3781768.78	3.29076			
401408.88	3781768.78	3.53995	401428.88	
3781768.78	3.81873			
401448.88	3781768.78	4.16883	401468.88	
3781768.78	4.53024			
401488.88	3781768.78	4.95357	401508.88	
3781768.78	5.48488			
401528.88	3781768.78	6.15361	401548.88	
3781768.78	6.82241			
401568.88	3781768.78	7.58904	401588.88	
3781768.78	8.45876			
401608.88	3781768.78	9.47456	401628.88	
3781768.78	10.71503			
401648.88	3781768.78	12.22226	401668.88	
3781768.78	14.16400			
401688.88	3781768.78	16.61256	401708.88	
3781768.78	19.89289			
401728.88	3781768.78	24.36365	401748.88	
3781768.78	31.03219			
401768.88	3781768.78	42.84454	401788.88	
3781768.78	69.04297			
402068.88	3781768.78	59.65089	402088.88	
3781768.78	41.52042			
402108.88	3781768.78	32.35655	402128.88	
3781768.78	25.52096			
402148.88	3781768.78	21.19973	402168.88	
3781768.78	18.06239			
402188.88	3781768.78	15.62985	402208.88	
3781768.78	13.98434			
402228.88	3781768.78	13.05615	402248.88	
3781768.78	11.68308			
402268.88	3781768.78	10.66405	402288.88	
3781768.78	9.83017			
402308.88	3781768.78	9.09019	402328.88	
3781768.78	8.39178			
402348.88	3781768.78	7.73512	402368.88	
3781768.78	7.01289			
402388.88	3781768.78	6.35834	402408.88	
3781768.78	5.90675			
402428.88	3781768.78	5.51492	402448.88	
3781768.78	5.02656			
402468.88	3781768.78	4.63259	402488.88	
3781768.78	4.37152			
402508.88	3781768.78	4.10356	401308.88	
3781788.78	2.30468			
401328.88	3781788.78	2.44317	401348.88	
3781788.78	2.62383			

```
          401368.88    3781788.78         2.83272                          401388.88
3781788.78        3.05253
          401408.88    3781788.78         3.32005                          401428.88
3781788.78        3.56290
          401448.88    3781788.78         3.92083                          401468.88
3781788.78        4.29032
          401488.88    3781788.78         4.69009                          401508.88
3781788.78        5.22033
          401528.88    3781788.78         5.91730                          401548.88
3781788.78        6.63177
          401568.88    3781788.78         7.38848                          401588.88
3781788.78        8.18678
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                              PAGE 152
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
          401608.88   3781788.78   9.14236   401628.88
3781788.78   10.28902
          401648.88   3781788.78   11.72087   401668.88
3781788.78   13.45093
          401688.88   3781788.78   15.45034   401708.88
3781788.78   18.29650
          401728.88   3781788.78   22.51019   401748.88
3781788.78   27.98756
          401768.88   3781788.78   40.97122   401788.88

```
3781788.78         67.18149
        402068.88     3781788.78         52.79716                    402088.88
3781788.78         38.08478
        402108.88     3781788.78         30.02830                    402128.88
3781788.78         23.98117
        402148.88     3781788.78         20.12054                    402168.88
3781788.78         17.29314
        402188.88     3781788.78         15.05632                    402208.88
3781788.78         13.64556
        402228.88     3781788.78         12.77233                    402248.88
3781788.78         11.58221
        402268.88     3781788.78         10.61210                    402288.88
3781788.78          9.77937
        402308.88     3781788.78          9.02967                    402328.88
3781788.78          8.36615
        402348.88     3781788.78          7.79071                    402368.88
3781788.78          7.05919
        402388.88     3781788.78          6.33958                    402408.88
3781788.78          5.90253
        402428.88     3781788.78          5.50701                    402448.88
3781788.78          5.09243
        402468.88     3781788.78          4.74370                    402488.88
3781788.78          4.53912
        402508.88     3781788.78          4.29880                    401308.88
3781808.78          2.24529
        401328.88     3781808.78          2.37028                    401348.88
3781808.78          2.53014
        401368.88     3781808.78          2.70946                    401388.88
3781808.78          2.90309
        401408.88     3781808.78          3.13059                    401428.88
3781808.78          3.41320
        401448.88     3781808.78          3.74977                    401468.88
3781808.78          4.10429
        401488.88     3781808.78          4.50269                    401508.88
3781808.78          4.99365
        401528.88     3781808.78          5.72066                    401548.88
3781808.78          6.40064
        401568.88     3781808.78          7.05486                    401588.88
3781808.78          7.83243
        401608.88     3781808.78          8.74683                    401628.88
3781808.78          9.72780
        401648.88     3781808.78         10.41754                    401668.88
3781808.78         11.61330
        401688.88     3781808.78         13.51059                    401708.88
3781808.78         16.31994
        401728.88     3781808.78         20.14048                    401748.88
3781808.78         26.11838
        401768.88     3781808.78         36.25461                    401788.88
3781808.78         64.09234
        402068.88     3781808.78         47.08222                    402088.88
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3781808.78       33.79087
        402108.88    3781808.78        27.37703                        402128.88
3781808.78       22.69600
        402148.88    3781808.78        18.94408                        402168.88
3781808.78       16.42838
        402188.88    3781808.78        14.39488                        402208.88
3781808.78       13.12350
        402228.88    3781808.78        12.27186                        402248.88
3781808.78       11.23138
        402268.88    3781808.78        10.33384                        402288.88
3781808.78        9.56495
        402308.88    3781808.78         8.87430                        402328.88
3781808.78        8.26499
        402348.88    3781808.78         7.73351                        402368.88
3781808.78        6.97764
        402388.88    3781808.78         6.28037                        402408.88
3781808.78        5.88075
        402428.88    3781808.78         5.54065                        402448.88
3781808.78        5.20413
        402468.88    3781808.78         4.84664                        402488.88
3781808.78        4.67645
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                            PAGE 153
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                        ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
 -

402508.88	3781808.78	4.43675	401308.88	
3781828.78	2.18802			
401328.88	3781828.78	2.32823	401348.88	
3781828.78	2.48427			
401368.88	3781828.78	2.65629	401388.88	
3781828.78	2.84662			
401408.88	3781828.78	3.06237	401428.88	
3781828.78	3.31480			
401448.88	3781828.78	3.62928	401468.88	
3781828.78	3.99908			
401488.88	3781828.78	4.41341	401508.88	
3781828.78	4.89747			
401528.88	3781828.78	5.48121	401548.88	
3781828.78	6.13109			
401568.88	3781828.78	6.80721	401588.88	
3781828.78	7.46273			
401608.88	3781828.78	7.87596	401628.88	
3781828.78	8.46895			
401648.88	3781828.78	9.64090	401668.88	
3781828.78	11.16082			
401688.88	3781828.78	13.11076	401708.88	
3781828.78	15.74680			
401728.88	3781828.78	19.24233	401748.88	
3781828.78	25.20732			
401768.88	3781828.78	34.46601	401788.88	
3781828.78	59.70977			
402068.88	3781828.78	37.96757	402088.88	
3781828.78	29.01108			
402108.88	3781828.78	24.36658	402128.88	
3781828.78	20.82223			
402148.88	3781828.78	17.87394	402168.88	
3781828.78	15.53878			
402188.88	3781828.78	13.72654	402208.88	
3781828.78	12.45192			
402228.88	3781828.78	11.66432	402248.88	
3781828.78	10.75021			
402268.88	3781828.78	9.96607	402288.88	
3781828.78	9.26480			
402308.88	3781828.78	8.63151	402328.88	
3781828.78	8.05719			
402348.88	3781828.78	7.56363	402368.88	
3781828.78	7.12672			
402388.88	3781828.78	6.31972	402408.88	
3781828.78	5.88033			
402428.88	3781828.78	5.63244	402448.88	
3781828.78	5.31411			
402468.88	3781828.78	4.96005	402488.88	
3781828.78	4.76846			
402508.88	3781828.78	4.51942	401308.88	
3781848.78	2.08561			

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        401328.88     3781848.78        2.21304                        401348.88
3781848.78        2.36141
        401368.88     3781848.78        2.52411                        401388.88
3781848.78        2.70985
        401408.88     3781848.78        2.91572                        401428.88
3781848.78        3.15745
        401448.88     3781848.78        3.44490                        401468.88
3781848.78        3.74938
        401488.88     3781848.78        4.19763                        401508.88
3781848.78        4.61109
        401528.88     3781848.78        5.16762                        401548.88
3781848.78        5.80882
        401568.88     3781848.78        6.21188                        401588.88
3781848.78        6.52996
        401608.88     3781848.78        7.21897                        401628.88
3781848.78        8.15151
        401648.88     3781848.78        9.28907                        401668.88
3781848.78       10.59247
        401688.88     3781848.78       12.16810                        401708.88
3781848.78       14.57632
        401728.88     3781848.78       17.98850                        401748.88
3781848.78       22.79852
        401768.88     3781848.78       31.12799                        401788.88
3781848.78       53.06987
        401908.88     3781848.78       64.69728                        401928.88
3781848.78       51.55009
        401948.88     3781848.78       45.64964                        401968.88
3781848.78       43.34304
        401988.88     3781848.78       42.14117                        402008.88
3781848.78       40.39492
```
⬥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 154
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402028.88	3781848.78	37.15910	402048.88	3781848.78	33.82780
402068.88	3781848.78	28.22177	402088.88	3781848.78	24.07542
402108.88	3781848.78	20.65102	402128.88	3781848.78	18.62905
402148.88	3781848.78	16.48408	402168.88	3781848.78	14.59124
402188.88	3781848.78	12.98708	402208.88	3781848.78	11.72537
402228.88	3781848.78	10.83922	402248.88	3781848.78	10.19187
402268.88	3781848.78	9.48143	402288.88	3781848.78	8.87235
402308.88	3781848.78	8.28244	402328.88	3781848.78	7.79126
402348.88	3781848.78	7.36034	402368.88	3781848.78	6.92935
402388.88	3781848.78	6.23428	402408.88	3781848.78	5.88106
402428.88	3781848.78	5.64643	402448.88	3781848.78	5.33110
402468.88	3781848.78	5.04325	402488.88	3781848.78	4.81628
402508.88	3781848.78	4.58588	401308.88	3781868.78	1.99501
401328.88	3781868.78	2.09345	401348.88	3781868.78	2.23271
401368.88	3781868.78	2.38876	401388.88	3781868.78	2.56313
401408.88	3781868.78	2.74565	401428.88	3781868.78	2.92535
401448.88	3781868.78	3.19896	401468.88	3781868.78	3.49171
401488.88	3781868.78	3.94505	401508.88	3781868.78	4.41325
401528.88	3781868.78	4.91754	401548.88	3781868.78	5.47392
401568.88	3781868.78	5.77785	401588.88	3781868.78	6.27902
401608.88	3781868.78	6.97487	401628.88		

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3781868.78        7.75965
        401648.88    3781868.78        8.64619                        401668.88
3781868.78        9.80460
        401688.88    3781868.78       11.21199                        401708.88
3781868.78       11.90071
        401728.88    3781868.78       15.31491                        401748.88
3781868.78       18.39538
        401768.88    3781868.78       24.24159                        401788.88
3781868.78       40.18980
        401888.88    3781868.78       61.39031                        401908.88
3781868.78       42.48260
        401928.88    3781868.78       36.04669                        401948.88
3781868.78       32.29335
        401968.88    3781868.78       30.41653                        401988.88
3781868.78       28.79920
        402008.88    3781868.78       28.33031                        402028.88
3781868.78       26.08166
        402048.88    3781868.78       23.74663                        402068.88
3781868.78       22.12268
        402088.88    3781868.78       19.54938                        402108.88
3781868.78       17.47470
        402128.88    3781868.78       16.53303                        402148.88
3781868.78       14.85579
        402168.88    3781868.78       13.42415                        402188.88
3781868.78       12.19267
        402208.88    3781868.78       11.07003                        402228.88
3781868.78       10.18222
        402248.88    3781868.78        9.54652                        402268.88
3781868.78        8.93707
        402288.88    3781868.78        8.37189                        402308.88
3781868.78        7.85890
        402328.88    3781868.78        7.40897                        402348.88
3781868.78        7.05247
        402368.88    3781868.78        6.68662                        402388.88
3781868.78        6.17379
        402408.88    3781868.78        5.91940                        402428.88
3781868.78        5.65551
        402448.88    3781868.78        5.36741                        402468.88
3781868.78        5.08213
```
↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

                             PAGE 155
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002

```
,  L0000003    ,  L0000004    ,  L0000005    ,
                 L0000006    ,  L0000007    ,  L0000008    ,  L0000009    ,  L0000010
,  L0000011    ,  L0000012    ,  L0000013    ,
                 L0000014    ,  L0000015    ,  L0000016    ,  L0000017    ,  L0000018
,  L0000019    ,  L0000020    ,  L0000021    ,
                 L0000022    ,  L0000023    ,  L0000024    ,  L0000025    ,  L0000026
,  L0000027    ,  L0000028    ,  . . .       ,
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                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                               ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

         X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
          402488.88   3781868.78   4.89966   402508.88
3781868.78   4.68424
          401308.88   3781888.78   1.79678   401328.88
3781888.78   1.88149
          401348.88   3781888.78   1.98501   401368.88
3781888.78   2.09718
          401388.88   3781888.78   2.22498   401408.88
3781888.78   2.38696
          401428.88   3781888.78   2.56361   401448.88
3781888.78   2.80258
          401468.88   3781888.78   3.05877   401488.88
3781888.78   3.57061
          401508.88   3781888.78   3.94425   401528.88
3781888.78   4.55825
          401548.88   3781888.78   5.11176   401568.88
3781888.78   5.50759
          401588.88   3781888.78   6.02057   401608.88
3781888.78   6.55128
          401628.88   3781888.78   7.24758   401648.88
3781888.78   8.03881
          401668.88   3781888.78   8.32799   401688.88
3781888.78   8.39722
          401708.88   3781888.78   9.48542   401728.88
3781888.78   11.81323
          401748.88   3781888.78   15.67620   401768.88
3781888.78   18.04424
          401788.88   3781888.78   23.91322   401808.88
3781888.78   30.07487
          401828.88   3781888.78   43.75140   401848.88
3781888.78   50.31255
          401868.88   3781888.78   46.62600   401888.88
3781888.78   36.57991
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       401908.88     3781888.78        29.82377                            401928.88
3781888.78        26.06759
       401948.88     3781888.78        23.25833                            401968.88
3781888.78        20.74342
       401988.88     3781888.78        20.06457                            402008.88
3781888.78        20.83091
       402028.88     3781888.78        19.65213                            402048.88
3781888.78        17.79838
       402068.88     3781888.78        17.04260                            402088.88
3781888.78        15.88157
       402108.88     3781888.78        14.79746                            402128.88
3781888.78        13.62266
       402148.88     3781888.78        13.11902                            402168.88
3781888.78        12.16825
       402188.88     3781888.78        11.17878                            402208.88
3781888.78        10.32540
       402228.88     3781888.78         9.51472                            402248.88
3781888.78         8.91345
       402268.88     3781888.78         8.26186                            402288.88
3781888.78         7.79340
       402308.88     3781888.78         7.39474                            402328.88
3781888.78         7.04144
       402348.88     3781888.78         6.81652                            402368.88
3781888.78         6.38617
       402388.88     3781888.78         6.02191                            402408.88
3781888.78         5.82497
       402428.88     3781888.78         5.60263                            402448.88
3781888.78         5.34521
       402468.88     3781888.78         5.07017                            402488.88
3781888.78         4.84852
       402508.88     3781888.78         4.64760                            401308.88
3781908.78         1.75706
       401328.88     3781908.78         1.85024                            401348.88
3781908.78         1.95120
       401368.88     3781908.78         2.06042                            401388.88
3781908.78         2.17935
       401408.88     3781908.78         2.31248                            401428.88
3781908.78         2.46683
       401448.88     3781908.78         2.67563                            401468.88
3781908.78         2.95161
       401488.88     3781908.78         3.29998                            401508.88
3781908.78         3.76135
       401528.88     3781908.78         4.25567                            401548.88
3781908.78         4.65163
       401568.88     3781908.78         5.01693                            401588.88
3781908.78         5.60197
       401608.88     3781908.78         6.11932                            401628.88
3781908.78         6.32620
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   *** AERMET - VERSION  16216 ***    ***
                         ***            05:36:20


                             PAGE 156
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                            INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,


                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                          ** CONC OF PM_10    IN MICROGRAMS/M**3
            **


     X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
        401648.88    3781908.78       6.18741                        401668.88
3781908.78       6.72039
        401688.88    3781908.78       7.62132                        401708.88
3781908.78       8.72739
        401728.88    3781908.78      10.10778                        401748.88
3781908.78      12.21658
        401768.88    3781908.78      13.47547                        401788.88
3781908.78      15.49507
        401808.88    3781908.78      18.09324                        401828.88
3781908.78      22.26032
        401848.88    3781908.78      23.93857                        401868.88
3781908.78      25.92229
        401888.88    3781908.78      23.45798                        401908.88
3781908.78      21.18702
        401928.88    3781908.78      18.57962                        401948.88
3781908.78      16.96571
        401968.88    3781908.78      15.73243                        401988.88
3781908.78      15.20780
        402008.88    3781908.78      14.67883                        402028.88
3781908.78      14.35616
        402048.88    3781908.78      13.76930                        402068.88
3781908.78      13.47845
        402088.88    3781908.78      12.94026                        402108.88
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3781908.78	12.37268		
402128.88	3781908.78	11.59117	402148.88
3781908.78	11.36110		
402168.88	3781908.78	10.95920	402188.88
3781908.78	10.10659		
402208.88	3781908.78	9.50586	402228.88
3781908.78	8.85440		
402248.88	3781908.78	8.26572	402268.88
3781908.78	7.65561		
402288.88	3781908.78	7.13532	402308.88
3781908.78	6.84821		
402328.88	3781908.78	6.58095	402348.88
3781908.78	6.40318		
402368.88	3781908.78	6.16922	402388.88
3781908.78	5.93823		
402408.88	3781908.78	5.63729	402428.88
3781908.78	5.41273		
402448.88	3781908.78	5.18894	402468.88
3781908.78	4.99755		
402488.88	3781908.78	4.79808	402508.88
3781908.78	4.61052		
401308.88	3781928.78	1.64966	401328.88
3781928.78	1.74230		
401348.88	3781928.78	1.83646	401368.88
3781928.78	1.94649		
401388.88	3781928.78	2.05434	401408.88
3781928.78	2.16343		
401428.88	3781928.78	2.31466	401448.88
3781928.78	2.46443		
401468.88	3781928.78	2.76264	401488.88
3781928.78	3.08167		
401508.88	3781928.78	3.54377	401528.88
3781928.78	3.83638		
401548.88	3781928.78	4.40384	401568.88
3781928.78	4.69993		
401588.88	3781928.78	4.87663	401608.88
3781928.78	4.79852		
401628.88	3781928.78	5.08334	401648.88
3781928.78	5.65645		
401668.88	3781928.78	6.30262	401688.88
3781928.78	7.09950		
401708.88	3781928.78	7.79510	401728.88
3781928.78	8.52467		
401748.88	3781928.78	9.31021	401768.88
3781928.78	9.47641		
401788.88	3781928.78	10.68463	401808.88
3781928.78	12.54942		
401828.88	3781928.78	15.29367	401848.88
3781928.78	16.16319		
401868.88	3781928.78	16.50640	401888.88

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3781928.78        15.55199
        401908.88    3781928.78        14.54547                        401928.88
3781928.78        13.69764
        401948.88    3781928.78        12.58566                        401968.88
3781928.78        11.70200
        401988.88    3781928.78        11.19292                        402008.88
3781928.78        11.13244
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 157
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402028.88   3781928.78   11.00648   402048.88
3781928.78   10.79651
        402068.88   3781928.78   10.87041   402088.88
3781928.78   10.61430
        402108.88   3781928.78   10.36162   402128.88
3781928.78   9.92759
        402148.88   3781928.78   9.69168   402168.88
3781928.78   9.74683
        402188.88   3781928.78   9.20069   402208.88
3781928.78   8.75361
        402228.88   3781928.78   8.11082   402248.88
3781928.78   7.65270
        402268.88   3781928.78   7.03772   402288.88
3781928.78   6.52639
```

402308.88	3781928.78	6.28694	402328.88
3781928.78	5.97835		
402348.88	3781928.78	5.72758	402368.88
3781928.78	5.47701		
402388.88	3781928.78	5.56279	402408.88
3781928.78	5.43573		
402428.88	3781928.78	5.23732	402448.88
3781928.78	5.04204		
402468.88	3781928.78	4.86295	402488.88
3781928.78	4.68907		
402508.88	3781928.78	4.52212	401308.88
3781948.78	1.60501		
401328.88	3781948.78	1.69414	401348.88
3781948.78	1.78478		
401368.88	3781948.78	1.88378	401388.88
3781948.78	1.98471		
401408.88	3781948.78	2.09004	401428.88
3781948.78	2.22151		
401448.88	3781948.78	2.33499	401468.88
3781948.78	2.50366		
401488.88	3781948.78	2.74664	401508.88
3781948.78	3.24825		
401528.88	3781948.78	3.73785	401548.88
3781948.78	3.71241		
401568.88	3781948.78	3.58470	401588.88
3781948.78	3.99320		
401608.88	3781948.78	4.33396	401628.88
3781948.78	4.81150		
401648.88	3781948.78	5.33937	401668.88
3781948.78	5.78808		
401688.88	3781948.78	6.15780	401708.88
3781948.78	6.63785		
401728.88	3781948.78	7.33237	401748.88
3781948.78	7.20034		
401768.88	3781948.78	7.39187	401788.88
3781948.78	7.90351		
401808.88	3781948.78	9.67619	401828.88
3781948.78	11.49400		
401848.88	3781948.78	11.99683	401868.88
3781948.78	11.59769		
401888.88	3781948.78	11.15024	401908.88
3781948.78	10.53835		
401928.88	3781948.78	10.00186	401948.88
3781948.78	9.35627		
401968.88	3781948.78	8.67192	401988.88
3781948.78	8.35114		
402008.88	3781948.78	8.50483	402028.88
3781948.78	8.62770		
402048.88	3781948.78	8.52132	402068.88
3781948.78	8.81533		

```
         402088.88    3781948.78        8.71050                        402108.88
3781948.78        8.67280
         402128.88    3781948.78        8.36222                        402148.88
3781948.78        8.05526
         402168.88    3781948.78        8.66808                        402188.88
3781948.78        8.35760
         402208.88    3781948.78        7.89333                        402228.88
3781948.78        7.41458
         402248.88    3781948.78        7.05143                        402268.88
3781948.78        6.59807
         402288.88    3781948.78        6.12579                        402308.88
3781948.78        5.75987
         402328.88    3781948.78        5.46893                        402348.88
3781948.78        5.25373
         402368.88    3781948.78        4.98172                        402388.88
3781948.78        5.00028
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                          PAGE 158

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                           INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402408.88   3781948.78   5.15244   402428.88
3781948.78   4.98452
         402448.88   3781948.78   4.82203   402468.88
3781948.78   4.66449
         402488.88   3781948.78   4.51077   402508.88
```

| | | | |
|---|---|---|---|
| 3781948.78 | 4.36602 | | |
| 401308.88 | 3781968.78 | 1.35257 | 401328.88 |
| 3781968.78 | 1.41039 | | |
| 401348.88 | 3781968.78 | 1.47395 | 401368.88 |
| 3781968.78 | 1.53764 | | |
| 401388.88 | 3781968.78 | 1.60778 | 401408.88 |
| 3781968.78 | 1.68405 | | |
| 401428.88 | 3781968.78 | 1.77271 | 401448.88 |
| 3781968.78 | 2.02951 | | |
| 401468.88 | 3781968.78 | 2.21231 | 401488.88 |
| 3781968.78 | 2.33558 | | |
| 401508.88 | 3781968.78 | 2.98495 | 401528.88 |
| 3781968.78 | 3.09910 | | |
| 401548.88 | 3781968.78 | 3.04460 | 401568.88 |
| 3781968.78 | 3.35442 | | |
| 401588.88 | 3781968.78 | 3.65391 | 401608.88 |
| 3781968.78 | 4.05955 | | |
| 401628.88 | 3781968.78 | 4.42641 | 401648.88 |
| 3781968.78 | 4.63623 | | |
| 401668.88 | 3781968.78 | 5.12044 | 401688.88 |
| 3781968.78 | 5.47648 | | |
| 401708.88 | 3781968.78 | 5.63667 | 401728.88 |
| 3781968.78 | 5.36734 | | |
| 401748.88 | 3781968.78 | 5.66864 | 401768.88 |
| 3781968.78 | 5.86699 | | |
| 401788.88 | 3781968.78 | 6.11368 | 401808.88 |
| 3781968.78 | 7.34113 | | |
| 401828.88 | 3781968.78 | 9.11358 | 401848.88 |
| 3781968.78 | 9.41635 | | |
| 401868.88 | 3781968.78 | 8.93486 | 401888.88 |
| 3781968.78 | 8.29307 | | |
| 401908.88 | 3781968.78 | 7.80908 | 401928.88 |
| 3781968.78 | 7.34136 | | |
| 401948.88 | 3781968.78 | 6.99960 | 401968.88 |
| 3781968.78 | 6.82765 | | |
| 401988.88 | 3781968.78 | 6.70355 | 402008.88 |
| 3781968.78 | 6.78190 | | |
| 402028.88 | 3781968.78 | 6.83339 | 402048.88 |
| 3781968.78 | 6.93462 | | |
| 402068.88 | 3781968.78 | 6.86987 | 402088.88 |
| 3781968.78 | 6.82468 | | |
| 402108.88 | 3781968.78 | 7.17010 | 402128.88 |
| 3781968.78 | 6.95519 | | |
| 402148.88 | 3781968.78 | 6.86946 | 402168.88 |
| 3781968.78 | 7.72405 | | |
| 402188.88 | 3781968.78 | 7.53438 | 402208.88 |
| 3781968.78 | 7.00911 | | |
| 402228.88 | 3781968.78 | 6.72200 | 402248.88 |
| 3781968.78 | 6.40601 | | |
| 402268.88 | 3781968.78 | 6.17862 | 402288.88 |

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3781968.78        5.90302
          402308.88    3781968.78        5.45604                    402328.88
3781968.78        4.98850
          402348.88    3781968.78        4.71947                    402368.88
3781968.78        4.48817
          402388.88    3781968.78        4.52140                    402408.88
3781968.78        4.81716
          402428.88    3781968.78        4.68057                    402448.88
3781968.78        4.54606
          402468.88    3781968.78        4.41571                    402488.88
3781968.78        4.30091
          402508.88    3781968.78        4.17204                    401308.88
3781988.78        1.29367
          401328.88    3781988.78        1.34732                    401348.88
3781988.78        1.40617
          401368.88    3781988.78        1.47241                    401388.88
3781988.78        1.54298
          401408.88    3781988.78        1.61466                    401428.88
3781988.78        1.71797
          401448.88    3781988.78        1.86730                    401468.88
3781988.78        1.92381
          401488.88    3781988.78        2.11400                    401508.88
3781988.78        2.76951
          401528.88    3781988.78        2.61712                    401548.88
3781988.78        2.89212
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 159

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
           L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
           L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
           L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                        ** CONC OF PM_10   IN MICROGRAMS/M**3
           **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401568.88	3781988.78	3.11233	401588.88	3781988.78	3.36531
401608.88	3781988.78	3.57007	401628.88	3781988.78	3.91340
401648.88	3781988.78	4.22793	401668.88	3781988.78	4.23210
401688.88	3781988.78	3.90399	401708.88	3781988.78	3.74971
401728.88	3781988.78	4.00448	401748.88	3781988.78	4.55927
401768.88	3781988.78	4.50454	401788.88	3781988.78	4.77269
401808.88	3781988.78	5.46079	401828.88	3781988.78	7.29546
401848.88	3781988.78	7.35477	401868.88	3781988.78	6.97049
401888.88	3781988.78	6.34314	401908.88	3781988.78	5.94391
401928.88	3781988.78	5.81622	401948.88	3781988.78	5.72962
401968.88	3781988.78	5.69614	401988.88	3781988.78	5.65931
402008.88	3781988.78	5.67029	402028.88	3781988.78	5.67002
402048.88	3781988.78	5.87771	402068.88	3781988.78	5.81287
402088.88	3781988.78	5.74259	402108.88	3781988.78	5.74151
402128.88	3781988.78	5.83300	402148.88	3781988.78	6.07603
402168.88	3781988.78	6.82457	402188.88	3781988.78	6.64908
402208.88	3781988.78	6.26463	402228.88	3781988.78	6.00875
402248.88	3781988.78	5.72386	402268.88	3781988.78	5.44721
402288.88	3781988.78	5.18399	402308.88	3781988.78	4.77550
402328.88	3781988.78	4.29667	402348.88	3781988.78	4.20807
402368.88	3781988.78	4.04086	402388.88	3781988.78	4.04120
402408.88	3781988.78	4.47163	402428.88	3781988.78	4.37852
402448.88	3781988.78	4.23553	402468.88	3781988.78	4.13076

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        402488.88    3781988.78         4.02116                        402508.88
3781988.78       3.91816
        401308.88    3782008.78         1.23327                        401328.88
3782008.78       1.28225
        401348.88    3782008.78         1.33948                        401368.88
3782008.78       1.38423
        401388.88    3782008.78         1.43505                        401408.88
3782008.78       1.50417
        401428.88    3782008.78         1.60975                        401448.88
3782008.78       1.68449
        401468.88    3782008.78         1.73369                        401488.88
3782008.78       1.99986
        401508.88    3782008.78         2.44263                        401528.88
3782008.78       2.50086
        401548.88    3782008.78         2.62230                        401568.88
3782008.78       2.80458
        401588.88    3782008.78         3.01746                        401608.88
3782008.78       3.25210
        401628.88    3782008.78         3.27159                        401648.88
3782008.78       3.04499
        401668.88    3782008.78         2.89207                        401688.88
3782008.78       2.97269
        401708.88    3782008.78         3.17115                        401728.88
3782008.78       3.58103
        401748.88    3782008.78         3.77253                        401768.88
3782008.78       3.79327
        401788.88    3782008.78         4.00739                        401808.88
3782008.78       4.72419
        401828.88    3782008.78         5.31010                        401848.88
3782008.78       5.40871
        401868.88    3782008.78         4.91431                        401888.88
3782008.78       4.71939
        401908.88    3782008.78         4.68178                        401928.88
3782008.78       4.80619
```

                         *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                         INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
             L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
             L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,

L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
          401948.88   3782008.78   4.74600   401968.88
3782008.78   4.71956
          401988.88   3782008.78   4.74072   402008.88
3782008.78   4.69708
          402028.88   3782008.78   4.72352   402048.88
3782008.78   4.82801
          402068.88   3782008.78   4.96792   402088.88
3782008.78   5.07397
          402108.88   3782008.78   5.00415   402128.88
3782008.78   4.98317
          402148.88   3782008.78   5.75688   402168.88
3782008.78   5.96403
          402188.88   3782008.78   5.94521   402208.88
3782008.78   5.55916
          402228.88   3782008.78   5.34735   402248.88
3782008.78   5.10216
          402268.88   3782008.78   4.63537   402288.88
3782008.78   4.39860
          402308.88   3782008.78   3.95027   402328.88
3782008.78   3.79188
          402348.88   3782008.78   3.75958   402368.88
3782008.78   3.55351
          402388.88   3782008.78   3.68164   402408.88
3782008.78   3.94745
          402428.88   3782008.78   3.81327   402448.88
3782008.78   3.74508
          402468.88   3782008.78   3.80953   402488.88
3782008.78   3.62562
          402508.88   3782008.78   3.55443   401308.88
3782028.78   1.17992
          401328.88   3782028.78   1.22200   401348.88
3782028.78   1.25470
          401368.88   3782028.78   1.26396   401388.88
3782028.78   1.26446
          401408.88   3782028.78   1.32998   401428.88
3782028.78   1.47179
          401448.88   3782028.78   1.46157   401468.88

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3782028.78        1.59201
          401488.88    3782028.78         1.88660                        401508.88
3782028.78        2.21369
          401528.88    3782028.78         2.21919                        401548.88
3782028.78        2.35548
          401568.88    3782028.78         2.63463                        401588.88
3782028.78        2.50108
          401608.88    3782028.78         2.41638                        401628.88
3782028.78        2.29154
          401648.88    3782028.78         2.32378                        401668.88
3782028.78        2.51342
          401688.88    3782028.78         2.67599                        401708.88
3782028.78        2.88256
          401728.88    3782028.78         3.04157                        401748.88
3782028.78        3.12015
          401768.88    3782028.78         3.06851                        401788.88
3782028.78        3.21547
          401808.88    3782028.78         3.58872                        401828.88
3782028.78        3.97345
          401848.88    3782028.78         4.07805                        401868.88
3782028.78        3.92703
          401888.88    3782028.78         3.85940                        401908.88
3782028.78        3.91818
          401928.88    3782028.78         3.79951                        401948.88
3782028.78        3.65737
          401968.88    3782028.78         3.58796                        401988.88
3782028.78        3.56117
          402008.88    3782028.78         3.60936                        402028.88
3782028.78        3.68842
          402048.88    3782028.78         3.81474                        402068.88
3782028.78        4.00231
          402088.88    3782028.78         4.08776                        402108.88
3782028.78        4.11834
          402128.88    3782028.78         4.26708                        402148.88
3782028.78        5.09703
          402168.88    3782028.78         5.25282                        402188.88
3782028.78        5.14601
          402208.88    3782028.78         4.78873                        402228.88
3782028.78        4.69969
          402248.88    3782028.78         4.40051                        402268.88
3782028.78        4.18773
          402288.88    3782028.78         3.52894                        402308.88
3782028.78        3.24671
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 161
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP      ***
                                  INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .       ,


                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                          ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


      X-COORD (M)   Y-COORD (M)       CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
        402328.88    3782028.78       3.13863                   402348.88
3782028.78       3.26892
        402368.88    3782028.78       3.21384                   402388.88
3782028.78       3.40764
        402408.88    3782028.78       3.48238                   402428.88
3782028.78       3.45204
        402448.88    3782028.78       3.39543                   402468.88
3782028.78       3.42438
        402488.88    3782028.78       3.36861                   402508.88
3782028.78       3.15705
        401308.88    3782048.78       1.08056                   401328.88
3782048.78       1.10626
        401348.88    3782048.78       1.10130                   401368.88
3782048.78       1.14334
        401388.88    3782048.78       1.18848                   401408.88
3782048.78       1.27927
        401428.88    3782048.78       1.33323                   401448.88
3782048.78       1.37711
        401468.88    3782048.78       1.44860                   401488.88
3782048.78       1.75577
        401508.88    3782048.78       2.14798                   401528.88
3782048.78       2.05926
        401548.88    3782048.78       2.12095                   401568.88
3782048.78       2.14316
        401588.88    3782048.78       2.21287                   401608.88
3782048.78       1.94067
        401628.88    3782048.78       2.03709                   401648.88
3782048.78       2.16952
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401668.88	3782048.78	2.30738	401688.88
3782048.78	2.41125		
401708.88	3782048.78	2.39736	401728.88
3782048.78	2.57077		
401748.88	3782048.78	2.52809	401768.88
3782048.78	2.69480		
401788.88	3782048.78	2.78777	401808.88
3782048.78	2.99460		
401828.88	3782048.78	3.12147	401848.88
3782048.78	3.07588		
401868.88	3782048.78	3.05385	401888.88
3782048.78	3.01077		
401908.88	3782048.78	3.12409	401928.88
3782048.78	3.14827		
401948.88	3782048.78	3.03279	401968.88
3782048.78	2.98434		
401988.88	3782048.78	2.96958	402008.88
3782048.78	3.00204		
402028.88	3782048.78	3.09660	402048.88
3782048.78	3.15550		
402068.88	3782048.78	3.24316	402088.88
3782048.78	3.34159		
402108.88	3782048.78	3.44750	402128.88
3782048.78	3.64622		
402148.88	3782048.78	4.47770	402168.88
3782048.78	4.75197		
402188.88	3782048.78	4.15235	402208.88
3782048.78	3.54916		
402228.88	3782048.78	3.91671	402248.88
3782048.78	3.90090		
402268.88	3782048.78	3.54258	402288.88
3782048.78	2.99901		
402308.88	3782048.78	2.77313	402328.88
3782048.78	2.75467		
402348.88	3782048.78	2.77563	402368.88
3782048.78	2.76551		
402388.88	3782048.78	2.81817	402408.88
3782048.78	3.00584		
402428.88	3782048.78	3.04042	402448.88
3782048.78	2.91875		
402468.88	3782048.78	2.97092	402488.88
3782048.78	2.89516		
402508.88	3782048.78	2.83205	401308.88
3782068.78	0.98842		
401328.88	3782068.78	1.00327	401348.88
3782068.78	1.03362		
401368.88	3782068.78	1.06915	401388.88
3782068.78	1.12674		
401408.88	3782068.78	1.17933	401428.88
3782068.78	1.18944		

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           401448.88    3782068.78        1.29086                        401468.88
3782068.78        1.35556
⬆ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***      04/07/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        05:36:20


                              PAGE 162
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                              INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
              L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
              L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
              L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,


                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
            **


      X-COORD (M)   Y-COORD (M)       CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
        401488.88    3782068.78        1.62023                        401508.88
3782068.78        1.63864
        401528.88    3782068.78        1.67849                        401548.88
3782068.78        1.87984
        401568.88    3782068.78        1.84218                        401588.88
3782068.78        1.90166
        401608.88    3782068.78        1.82968                        401628.88
3782068.78        1.92702
        401648.88    3782068.78        2.01997                        401668.88
3782068.78        2.06301
        401688.88    3782068.78        2.14629                        401708.88
3782068.78        2.16408
        401728.88    3782068.78        2.13420                        401748.88
3782068.78        2.25182
        401768.88    3782068.78        2.37839                        401788.88
3782068.78        2.41591
        401808.88    3782068.78        2.36517                        401828.88
3782068.78        2.51748
        401848.88    3782068.78        2.33425                        401868.88
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3782068.78          2.37696
        401888.88    3782068.78          2.41951                    401908.88
3782068.78          2.40402
        401928.88    3782068.78          2.37960                    401948.88
3782068.78          2.36461
        401968.88    3782068.78          2.41131                    401988.88
3782068.78          2.50436
        402008.88    3782068.78          2.61514                    402028.88
3782068.78          2.71203
        402048.88    3782068.78          2.84387                    402068.88
3782068.78          2.94985
        402088.88    3782068.78          3.01151                    402108.88
3782068.78          3.08572
        402128.88    3782068.78          3.15178                    402148.88
3782068.78          3.85494
        402168.88    3782068.78          4.14822                    402188.88
3782068.78          3.13483
        402208.88    3782068.78          2.65183                    402228.88
3782068.78          2.71756
        402248.88    3782068.78          3.16814                    402268.88
3782068.78          3.09683
        402288.88    3782068.78          2.64541                    402308.88
3782068.78          2.44824
        402328.88    3782068.78          2.37991                    402348.88
3782068.78          2.36606
        402368.88    3782068.78          2.37960                    402388.88
3782068.78          2.41105
        402408.88    3782068.78          2.50248                    402428.88
3782068.78          2.57349
        402448.88    3782068.78          2.54347                    402468.88
3782068.78          2.83610
        402488.88    3782068.78          2.79405                    402508.88
3782068.78          2.55667
        401308.88    3782088.78          0.93156                    401328.88
3782088.78          0.95773
        401348.88    3782088.78          0.99023                    401368.88
3782088.78          1.02030
        401388.88    3782088.78          1.04078                    401408.88
3782088.78          1.05539
        401428.88    3782088.78          1.10964                    401448.88
3782088.78          1.10699
        401468.88    3782088.78          1.28370                    401488.88
3782088.78          1.47379
        401508.88    3782088.78          1.51863                    401528.88
3782088.78          1.58480
        401548.88    3782088.78          1.68992                    401568.88
3782088.78          1.66502
        401588.88    3782088.78          1.71516                    401608.88
3782088.78          1.66892
        401628.88    3782088.78          1.72800                    401648.88
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3782088.78         1.82882
       401668.88     3782088.78         1.85518                        401688.88
3782088.78         1.84829
       401708.88     3782088.78         1.80666                        401728.88
3782088.78         1.77443
       401748.88     3782088.78         2.00293                        401768.88
3782088.78         2.24089
       401788.88     3782088.78         2.14067                        401808.88
3782088.78         1.95298
       401828.88     3782088.78         1.98312                        401848.88
3782088.78         1.91447
```

                         PAGE 163
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                         INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                         ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- - - - - - - - - - - - - - - - - - - -
       401868.88   3782088.78   1.88149   401888.88
3782088.78   1.95338
       401908.88   3782088.78   1.86634   401928.88
3782088.78   1.85556
       401948.88   3782088.78   1.88813   401968.88
3782088.78   2.05063
       401988.88   3782088.78   2.23650   402008.88
3782088.78   2.24536
       402028.88   3782088.78   2.24499   402048.88
3782088.78   2.39883

402068.88	3782088.78	2.45136	402088.88	
3782088.78	2.53729			
402108.88	3782088.78	2.50272	402128.88	
3782088.78	2.55608			
402148.88	3782088.78	3.04654	402168.88	
3782088.78	3.48583			
402188.88	3782088.78	3.14645	402208.88	
3782088.78	2.24161			
402228.88	3782088.78	2.16323	402248.88	
3782088.78	2.32066			
402268.88	3782088.78	2.37525	402288.88	
3782088.78	2.32829			
402308.88	3782088.78	2.16971	402328.88	
3782088.78	2.07703			
402348.88	3782088.78	2.04833	402368.88	
3782088.78	2.06893			
402388.88	3782088.78	2.10743	402408.88	
3782088.78	2.16545			
402428.88	3782088.78	2.29400	402448.88	
3782088.78	2.32466			
402468.88	3782088.78	2.58977	402488.88	
3782088.78	2.41735			
402508.88	3782088.78	2.21101	401308.88	
3782108.78	0.89347			
401328.88	3782108.78	0.92216	401348.88	
3782108.78	0.94890			
401368.88	3782108.78	0.95284	401388.88	
3782108.78	0.96634			
401408.88	3782108.78	0.97683	401428.88	
3782108.78	0.98484			
401448.88	3782108.78	0.99917	401468.88	
3782108.78	1.11123			
401488.88	3782108.78	1.29723	401508.88	
3782108.78	1.26547			
401528.88	3782108.78	1.35171	401548.88	
3782108.78	1.33123			
401568.88	3782108.78	1.30811	401588.88	
3782108.78	1.33957			
401608.88	3782108.78	1.39487	401628.88	
3782108.78	1.43648			
401648.88	3782108.78	1.46440	401668.88	
3782108.78	1.49909			
401688.88	3782108.78	1.47573	401708.88	
3782108.78	1.45517			
401728.88	3782108.78	1.46931	401748.88	
3782108.78	1.61828			
401768.88	3782108.78	1.73982	401788.88	
3782108.78	1.86132			
401808.88	3782108.78	1.62582	401828.88	
3782108.78	1.55477			

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         401848.88    3782108.78       1.56339                        401868.88
3782108.78       1.53809
         401888.88    3782108.78       1.59501                        401908.88
3782108.78       1.55223
         401928.88    3782108.78       1.55939                        401948.88
3782108.78       1.63520
         401968.88    3782108.78       1.81642                        401988.88
3782108.78       1.97016
         402008.88    3782108.78       1.81819                        402028.88
3782108.78       1.89057
         402048.88    3782108.78       2.08029                        402068.88
3782108.78       2.12414
         402088.88    3782108.78       2.12346                        402108.88
3782108.78       2.14341
         402128.88    3782108.78       2.20587                        402148.88
3782108.78       2.26946
         402168.88    3782108.78       2.73572                        402188.88
3782108.78       3.10939
         402208.88    3782108.78       2.15399                        402228.88
3782108.78       1.85203
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                               PAGE 164
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
 -
         402248.88   3782108.78   1.87234   402268.88

3782108.78	1.89999		
402288.88	3782108.78	1.91327	402308.88
3782108.78	1.88002		
402328.88	3782108.78	1.85226	402348.88
3782108.78	1.80861		
402368.88	3782108.78	1.81412	402388.88
3782108.78	1.85141		
402408.88	3782108.78	1.90524	402428.88
3782108.78	1.98337		
402448.88	3782108.78	2.04903	402468.88
3782108.78	2.14267		
402488.88	3782108.78	2.00216	402508.88
3782108.78	1.97214		
401308.88	3782128.78	0.85378	401328.88
3782128.78	0.87466		
401348.88	3782128.78	0.88557	401368.88
3782128.78	0.88755		
401388.88	3782128.78	0.89559	401408.88
3782128.78	0.90334		
401428.88	3782128.78	0.92708	401448.88
3782128.78	0.91771		
401468.88	3782128.78	0.97557	401488.88
3782128.78	1.02248		
401508.88	3782128.78	1.02502	401528.88
3782128.78	1.10064		
401548.88	3782128.78	1.06973	401568.88
3782128.78	1.06762		
401588.88	3782128.78	1.11442	401608.88
3782128.78	1.14541		
401628.88	3782128.78	1.19061	401648.88
3782128.78	1.25870		
401668.88	3782128.78	1.25924	401688.88
3782128.78	1.22219		
401708.88	3782128.78	1.23661	401728.88
3782128.78	1.23974		
401748.88	3782128.78	1.36697	401768.88
3782128.78	1.49039		
401788.88	3782128.78	1.62127	401808.88
3782128.78	1.42489		
401828.88	3782128.78	1.32112	401848.88
3782128.78	1.33491		
401868.88	3782128.78	1.32437	401888.88
3782128.78	1.34458		
401908.88	3782128.78	1.34191	401928.88
3782128.78	1.38884		
401948.88	3782128.78	1.47047	401968.88
3782128.78	1.66619		
401988.88	3782128.78	1.66393	402008.88
3782128.78	1.53941		
402028.88	3782128.78	1.60898	402048.88

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3782128.78       1.76282
         402068.88    3782128.78       1.87223                    402088.88
3782128.78       1.84029
         402108.88    3782128.78       1.86108                    402128.88
3782128.78       1.91633
         402148.88    3782128.78       1.94403                    402168.88
3782128.78       2.15634
         402188.88    3782128.78       2.70994                    402208.88
3782128.78       1.90342
         402228.88    3782128.78       1.65601                    402248.88
3782128.78       1.59704
         402268.88    3782128.78       1.61989                    402288.88
3782128.78       1.62095
         402308.88    3782128.78       1.62039                    402328.88
3782128.78       1.61283
         402348.88    3782128.78       1.60450                    402368.88
3782128.78       1.60856
         402388.88    3782128.78       1.64668                    402408.88
3782128.78       1.70116
         402428.88    3782128.78       1.77361                    402448.88
3782128.78       1.84698
         402468.88    3782128.78       1.82213                    402488.88
3782128.78       1.76390
         402508.88    3782128.78       1.75232                    401308.88
3782148.78       0.76301
         401328.88    3782148.78       0.80950                    401348.88
3782148.78       0.82078
         401368.88    3782148.78       0.82448                    401388.88
3782148.78       0.83369
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 165
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **


        X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         401408.88    3782148.78      0.84494                     401428.88
3782148.78        0.83856
         401448.88    3782148.78      0.84118                     401468.88
3782148.78        0.86559
         401488.88    3782148.78      0.83536                     401508.88
3782148.78        0.85779
         401528.88    3782148.78      0.90595                     401548.88
3782148.78        0.90559
         401568.88    3782148.78      0.90708                     401588.88
3782148.78        0.94987
         401608.88    3782148.78      0.97431                     401628.88
3782148.78        1.01386
         401648.88    3782148.78      1.06213                     401668.88
3782148.78        1.09183
         401688.88    3782148.78      1.04411                     401708.88
3782148.78        1.06031
         401728.88    3782148.78      1.08645                     401748.88
3782148.78        1.17099
         401768.88    3782148.78      1.23997                     401788.88
3782148.78        1.36167
         401808.88    3782148.78      1.23942                     401828.88
3782148.78        1.18299
         401848.88    3782148.78      1.16653                     401868.88
3782148.78        1.16373
         401888.88    3782148.78      1.17409                     401908.88
3782148.78        1.20966
         401928.88    3782148.78      1.28257                     401948.88
3782148.78        1.39890
         401968.88    3782148.78      1.45863                     401988.88
3782148.78        1.36107
         402008.88    3782148.78      1.32265                     402028.88
3782148.78        1.37224
         402048.88    3782148.78      1.51060                     402068.88
3782148.78        1.56998
         402088.88    3782148.78      1.61788                     402108.88
3782148.78        1.63082
         402128.88    3782148.78      1.66826                     402148.88
3782148.78        1.69845
         402168.88    3782148.78      1.90204                     402188.88
3782148.78        2.34390
         402208.88    3782148.78      1.80408                     402228.88
3782148.78        1.48927
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        402248.88    3782148.78        1.41494                        402268.88
3782148.78        1.40751
        402288.88    3782148.78        1.40835                        402308.88
3782148.78        1.40575
        402328.88    3782148.78        1.40995                        402348.88
3782148.78        1.41598
        402368.88    3782148.78        1.43643                        402388.88
3782148.78        1.47834
        402408.88    3782148.78        1.52559                        402428.88
3782148.78        1.56449
        402448.88    3782148.78        1.66078                        402468.88
3782148.78        1.65080
        402488.88    3782148.78        1.58827                        402508.88
3782148.78        1.56883
        401308.88    3782168.78        0.73221                        401328.88
3782168.78        0.73816
        401348.88    3782168.78        0.72854                        401368.88
3782168.78        0.74597
        401388.88    3782168.78        0.77074                        401408.88
3782168.78        0.78601
        401428.88    3782168.78        0.78788                        401448.88
3782168.78        0.82138
        401468.88    3782168.78        0.85095                        401488.88
3782168.78        0.78551
        401508.88    3782168.78        0.76777                        401528.88
3782168.78        0.78767
        401548.88    3782168.78        0.80088                        401568.88
3782168.78        0.80343
        401588.88    3782168.78        0.83287                        401608.88
3782168.78        0.85269
        401628.88    3782168.78        0.88023                        401648.88
3782168.78        0.91293
        401668.88    3782168.78        0.95199                        401688.88
3782168.78        0.92670
        401708.88    3782168.78        0.94078                        401728.88
3782168.78        0.97079
        401748.88    3782168.78        1.02755                        401768.88
3782168.78        1.07774
```
⬧ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 166
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,

```
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   ,  . . .     ,
```

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
  -
- -
         401788.88   3782168.78   1.18667   401808.88
3782168.78   1.10310
         401828.88   3782168.78   1.06572   401848.88
3782168.78   1.04881
         401868.88   3782168.78   1.04753   401888.88
3782168.78   1.06781
         401908.88   3782168.78   1.10879   401928.88
3782168.78   1.18717
         401948.88   3782168.78   1.32066   401968.88
3782168.78   1.23409
         401988.88   3782168.78   1.16712   402008.88
3782168.78   1.15808
         402028.88   3782168.78   1.21212   402048.88
3782168.78   1.26276
         402068.88   3782168.78   1.32309   402088.88
3782168.78   1.43423
         402108.88   3782168.78   1.43641   402128.88
3782168.78   1.46720
         402148.88   3782168.78   1.59307   402168.88
3782168.78   2.02918
         402188.88   3782168.78   1.98920   402208.88
3782168.78   1.71392
         402228.88   3782168.78   1.38765   402248.88
3782168.78   1.31241
         402268.88   3782168.78   1.27754   402288.88
3782168.78   1.26300
         402308.88   3782168.78   1.25767   402328.88
3782168.78   1.25808
         402348.88   3782168.78   1.26351   402368.88
3782168.78   1.28472
         402388.88   3782168.78   1.31992   402408.88
3782168.78   1.34869
         402428.88   3782168.78   1.40778   402448.88
```

	3782168.78	1.49964	
402468.88	3782168.78	1.51335	402488.88
3782168.78	1.44288		
402508.88	3782168.78	1.41668	401308.88
3782188.78	0.68623		
401328.88	3782188.78	0.64829	401348.88
3782188.78	0.67435		
401368.88	3782188.78	0.66466	401388.88
3782188.78	0.68764		
401408.88	3782188.78	0.71164	401428.88
3782188.78	0.73022		
401448.88	3782188.78	0.76360	401468.88
3782188.78	0.79550		
401488.88	3782188.78	0.78299	401508.88
3782188.78	0.72475		
401528.88	3782188.78	0.70874	401548.88
3782188.78	0.72195		
401568.88	3782188.78	0.72726	401588.88
3782188.78	0.74909		
401608.88	3782188.78	0.76698	401628.88
3782188.78	0.78126		
401648.88	3782188.78	0.79983	401668.88
3782188.78	0.83477		
401688.88	3782188.78	0.83874	401708.88
3782188.78	0.84969		
401728.88	3782188.78	0.88089	401748.88
3782188.78	0.91912		
401768.88	3782188.78	0.96694	401788.88
3782188.78	1.03442		
401808.88	3782188.78	0.99546	401828.88
3782188.78	0.96615		
401848.88	3782188.78	0.95750	401868.88
3782188.78	0.95799		
401888.88	3782188.78	0.97944	401908.88
3782188.78	1.01137		
401928.88	3782188.78	1.06085	401948.88
3782188.78	1.16279		
401968.88	3782188.78	1.10313	401988.88
3782188.78	1.04314		
402008.88	3782188.78	1.03150	402028.88
3782188.78	1.06044		
402048.88	3782188.78	1.09295	402068.88
3782188.78	1.18910		
402088.88	3782188.78	1.27294	402108.88
3782188.78	1.24626		
402128.88	3782188.78	1.28349	402148.88
3782188.78	1.47322		

```
                             *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,


                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


      X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        402168.88   3782188.78      1.80297                      402188.88
3782188.78      1.65088
        402208.88   3782188.78      1.42965                      402228.88
3782188.78      1.30693
        402248.88   3782188.78      1.23825                      402268.88
3782188.78      1.19380
        402288.88   3782188.78      1.17327                      402308.88
3782188.78      1.15091
        402328.88   3782188.78      1.14286                      402348.88
3782188.78      1.13907
        402368.88   3782188.78      1.15267                      402388.88
3782188.78      1.17799
        402408.88   3782188.78      1.21247                      402428.88
3782188.78      1.27340
        402448.88   3782188.78      1.33038                      402468.88
3782188.78      1.36648
        402488.88   3782188.78      1.30338                      402508.88
3782188.78      1.28245
        401308.88   3782208.78      0.60924                      401328.88
3782208.78      0.61211
        401348.88   3782208.78      0.60509                      401368.88
3782208.78      0.61269
        401388.88   3782208.78      0.61344                      401408.88
3782208.78      0.62953
```

401428.88	3782208.78	0.65153	401448.88	
3782208.78	0.66547			
401468.88	3782208.78	0.69109	401488.88	
3782208.78	0.73608			
401508.88	3782208.78	0.69979	401528.88	
3782208.78	0.66898			
401548.88	3782208.78	0.66297	401568.88	
3782208.78	0.66940			
401588.88	3782208.78	0.68656	401608.88	
3782208.78	0.69910			
401628.88	3782208.78	0.71601	401648.88	
3782208.78	0.73192			
401668.88	3782208.78	0.76094	401688.88	
3782208.78	0.76768			
401708.88	3782208.78	0.77949	401728.88	
3782208.78	0.80388			
401748.88	3782208.78	0.83854	401768.88	
3782208.78	0.88665			
401788.88	3782208.78	0.92678	401808.88	
3782208.78	0.89853			
401828.88	3782208.78	0.88159	401848.88	
3782208.78	0.87427			
401868.88	3782208.78	0.87837	401888.88	
3782208.78	0.89405			
401908.88	3782208.78	0.92563	401928.88	
3782208.78	0.97609			
401948.88	3782208.78	1.04952	401968.88	
3782208.78	0.98544			
401988.88	3782208.78	0.93804	402008.88	
3782208.78	0.92928			
402028.88	3782208.78	0.96024	402048.88	
3782208.78	1.01741			
402068.88	3782208.78	1.10526	402088.88	
3782208.78	1.09353			
402108.88	3782208.78	1.09521	402128.88	
3782208.78	1.19474			
402148.88	3782208.78	1.29707	402168.88	
3782208.78	1.42011			
402188.88	3782208.78	1.61824	402208.88	
3782208.78	1.30457			
402228.88	3782208.78	1.23694	402248.88	
3782208.78	1.17016			
402268.88	3782208.78	1.10396	402288.88	
3782208.78	1.06625			
402308.88	3782208.78	1.04899	402328.88	
3782208.78	1.03931			
402348.88	3782208.78	1.03679	402368.88	
3782208.78	1.04243			
402388.88	3782208.78	1.06707	402408.88	
3782208.78	1.09911			

```
          402428.88     3782208.78           1.13522                         402448.88
3782208.78         1.20013
          402468.88     3782208.78           1.24745                         402488.88
3782208.78         1.19659
          402508.88     3782208.78           1.17098                         402116.08
3781609.34        27.83770
```

```
                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                              INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003   , L0000004   , L0000005    ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013    ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021    ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .       ,


                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


     X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)       CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
          402111.58     3781631.84        39.42469                         402072.78
3781724.63        76.52951
          402058.72     3781776.93        72.25749                         402061.53
3781812.92        55.14174
          402065.47     3781834.86        36.07154                         401913.06
3781829.79        96.04156
          401870.32     3781887.16        48.75339                         401788.78
3781884.91        26.50816
          401791.03     3781611.59        39.20924
```

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        399067.96   3778941.97   0.11440   399349.76
3778941.97   0.12622
        399631.56   3778941.97   0.13999   399913.36
3778941.97   0.15616
        400195.16   3778941.97   0.17528   400476.96
3778941.97   0.19815
        400758.76   3778941.97   0.22576   401040.56
3778941.97   0.25956
        401322.36   3778941.97   0.30116   401604.16
3778941.97   0.35294
        401885.96   3778941.97   0.42121   402167.76
3778941.97   0.51457
        402449.56   3778941.97   0.63922   402731.36
3778941.97   0.76648
        403013.16   3778941.97   0.77468   403294.96
3778941.97   0.64889
        403576.76   3778941.97   0.51700   403858.56
3778941.97   0.41935
        404140.36   3778941.97   0.34200   404422.16
3778941.97   0.29035
        404703.96   3778941.97   0.24959   399067.96
3779205.53   0.11809
        399349.76   3779205.53   0.13102   399631.56
3779205.53   0.14619
        399913.36   3779205.53   0.16399   400195.16
3779205.53   0.18549

```
        400476.96      3779205.53        0.21165                    400758.76
3779205.53        0.24391
        401040.56      3779205.53        0.28450                    401322.36
3779205.53        0.33673
        401604.16      3779205.53        0.40724                    401885.96
3779205.53        0.50707
        402167.76      3779205.53        0.66244                    402449.56
3779205.53        0.94126
        402731.36      3779205.53        1.55339                    403013.16
3779205.53        1.67503
        403294.96      3779205.53        0.99713                    403576.76
3779205.53        0.68693
        403858.56      3779205.53        0.51495                    404140.36
3779205.53        0.40500
        404422.16      3779205.53        0.33061                    404703.96
3779205.53        0.27807
        399067.96      3779469.09        0.12115                    399349.76
3779469.09        0.13521
        399631.56      3779469.09        0.15173                    399913.36
3779469.09        0.17094
        400195.16      3779469.09        0.19471                    400476.96
3779469.09        0.22412
        400758.76      3779469.09        0.26096                    401040.56
3779469.09        0.30670
        401322.36      3779469.09        0.36877                    401604.16
3779469.09        0.45527
        401885.96      3779469.09        0.58273                    402167.76
3779469.09        0.80247
        402449.56      3779469.09        1.27842                    402731.36
3779469.09        3.34545
        403013.16      3779469.09        5.37345                    403294.96
3779469.09        1.54721
        403576.76      3779469.09        0.89640                    403858.56
3779469.09        0.62459
        404140.36      3779469.09        0.47186                    404422.16
3779469.09        0.37256
        404703.96      3779469.09        0.30702                    399067.96
3779732.65        0.12353
        399349.76      3779732.65        0.13848                    399631.56
3779732.65        0.15603
        399913.36      3779732.65        0.17671                    400195.16
3779732.65        0.20265
        400476.96      3779732.65        0.23509                    400758.76
3779732.65        0.27067
        401040.56      3779732.65        0.32328                    401322.36
3779732.65        0.39381
        401604.16      3779732.65        0.49004                    401885.96
3779732.65        0.63256
        402167.76      3779732.65        0.88091                    402449.56
3779732.65        1.42816
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        402731.36    3779732.65        3.63306                        403013.16
3779732.65       7.20274
        403294.96    3779732.65        2.00900                        403576.76
3779732.65       1.10467
```
↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                             PAGE 170
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        403858.56   3779732.65   0.73443   404140.36
3779732.65   0.53348
        404422.16   3779732.65   0.41624   404703.96
3779732.65   0.33548
        399067.96   3779996.21   0.12518   399349.76
3779996.21   0.14077
        399631.56   3779996.21   0.15928   399913.36
3779996.21   0.18135
        400195.16   3779996.21   0.20882   400476.96
3779996.21   0.24282
        400758.76   3779996.21   0.27778   401040.56
3779996.21   0.33535
        401322.36   3779996.21   0.41034   401604.16
3779996.21   0.51031
        401885.96   3779996.21   0.65754   402167.76
3779996.21   0.90714
        402449.56   3779996.21   1.47643   402731.36
```

```
3779996.21        3.48438
        403013.16      3779996.21        8.61729                    403294.96
3779996.21        2.27955
        403576.76      3779996.21        1.25767                    403858.56
3779996.21        0.82293
        404140.36      3779996.21        0.59289                    404422.16
3779996.21        0.45400
        404703.96      3779996.21        0.36189                    399067.96
3780259.77        0.12588
        399349.76      3780259.77        0.14237                    399631.56
3780259.77        0.16142
        399913.36      3780259.77        0.18443                    400195.16
3780259.77        0.21214
        400476.96      3780259.77        0.23815                    400758.76
3780259.77        0.28213
        401040.56      3780259.77        0.34189                    401322.36
3780259.77        0.41953
        401604.16      3780259.77        0.52466                    401885.96
3780259.77        0.67676
        402167.76      3780259.77        0.93153                    402449.56
3780259.77        1.45757
        402731.36      3780259.77        3.25149                    403013.16
3780259.77        10.49194
        403294.96      3780259.77        2.43603                    403576.76
3780259.77        1.35101
        403858.56      3780259.77        0.89039                    404140.36
3780259.77        0.63689
        404422.16      3780259.77        0.48471                    404703.96
3780259.77        0.38421
        399067.96      3780523.33        0.12563                    399349.76
3780523.33        0.14258
        399631.56      3780523.33        0.16259                    399913.36
3780523.33        0.18564
        400195.16      3780523.33        0.21082                    400476.96
3780523.33        0.24610
        400758.76      3780523.33        0.28216                    401040.56
3780523.33        0.34335
        401322.36      3780523.33        0.42557                    401604.16
3780523.33        0.53591
        401885.96      3780523.33        0.69493                    402167.76
3780523.33        0.94848
        402449.56      3780523.33        1.43137                    402731.36
3780523.33        2.97918
        403013.16      3780523.33        13.43776                   403294.96
3780523.33        2.56121
        403576.76      3780523.33        1.40597                    403858.56
3780523.33        0.93131
        404140.36      3780523.33        0.66672                    404422.16
3780523.33        0.50423
        404703.96      3780523.33        0.39851                    399067.96
```

```
3780786.89        0.12482
        399349.76    3780786.89        0.14154                        399631.56
3780786.89        0.16554
        399913.36    3780786.89        0.18598                        400195.16
3780786.89        0.21080
        400476.96    3780786.89        0.24043                        400758.76
3780786.89        0.28001
        401040.56    3780786.89        0.34341                        401322.36
3780786.89        0.43112
        401604.16    3780786.89        0.55788                        401885.96
3780786.89        0.74076
        402167.76    3780786.89        1.01084                        402449.56
3780786.89        1.44909
```

↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at ***
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 171
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402731.36   3780786.89   2.81215   403013.16
3780786.89   18.14586
        403294.96   3780786.89   2.66317   403576.76
3780786.89   1.43080
        403858.56   3780786.89   0.94364   404140.36
3780786.89   0.67766
        404422.16   3780786.89   0.51402   404703.96
3780786.89   0.41712

399067.96	3781050.45	0.12260	399349.76
3781050.45	0.13897		
399631.56	3781050.45	0.15942	399913.36
3781050.45	0.18640		
400195.16	3781050.45	0.20765	400476.96
3781050.45	0.23461		
400758.76	3781050.45	0.27570	401040.56
3781050.45	0.34198		
401322.36	3781050.45	0.44360	401604.16
3781050.45	0.60472		
401885.96	3781050.45	0.85443	402167.76
3781050.45	1.20128		
402449.56	3781050.45	1.65233	402731.36
3781050.45	2.82748		
403013.16	3781050.45	28.43480	403294.96
3781050.45	2.71717		
403576.76	3781050.45	1.41691	403858.56
3781050.45	0.92541		
404140.36	3781050.45	0.66836	404422.16
3781050.45	0.51322		
404703.96	3781050.45	0.42570	399067.96
3781314.01	0.11886		
399349.76	3781314.01	0.13721	399631.56
3781314.01	0.15552		
399913.36	3781314.01	0.17102	400195.16
3781314.01	0.18456		
400476.96	3781314.01	0.22601	400758.76
3781314.01	0.26751		
401040.56	3781314.01	0.33515	401322.36
3781314.01	0.45306		
401604.16	3781314.01	0.67737	401885.96
3781314.01	1.13396		
402167.76	3781314.01	1.94145	402449.56
3781314.01	2.62003		
402731.36	3781314.01	3.42766	403013.16
3781314.01	42.81826		
403294.96	3781314.01	2.70220	403576.76
3781314.01	1.34636		
403858.56	3781314.01	0.87532	404140.36
3781314.01	0.63725		
404422.16	3781314.01	0.50460	404703.96
3781314.01	0.42551		
399067.96	3781577.57	0.11766	399349.76
3781577.57	0.13499		
399631.56	3781577.57	0.14553	399913.36
3781577.57	0.15280		
400195.16	3781577.57	0.17322	400476.96
3781577.57	0.20780		
400758.76	3781577.57	0.25634	401040.56
3781577.57	0.29450		

```
     401322.36    3781577.57      0.39662                    401604.16
3781577.57       0.69041
     401885.96    3781577.57      1.65647                    402167.76
3781577.57      15.79050
     402449.56    3781577.57     44.27617                    402731.36
3781577.57      48.43046
     403013.16    3781577.57     48.88252                    403294.96
3781577.57       2.36305
     403576.76    3781577.57      1.18052                    403858.56
3781577.57       0.83204
     404140.36    3781577.57      0.59097                    404422.16
3781577.57       0.50471
     404703.96    3781577.57      0.42163                    399067.96
3781841.13       0.11452
     399349.76    3781841.13      0.12539                    399631.56
3781841.13       0.12291
     399913.36    3781841.13      0.14320                    400195.16
3781841.13       0.15180
     400476.96    3781841.13      0.17031                    400758.76
3781841.13       0.24109
     401040.56    3781841.13      0.21610                    401322.36
3781841.13       0.26834
```

↑ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                            PAGE 172

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                           INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
               L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
               L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
               L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                        ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
  -

- -

401604.16	3781841.13	0.41637		402167.76
3781841.13	2.09242			
402449.56	3781841.13	1.60582		402731.36
3781841.13	1.82755			
403013.16	3781841.13	1.31071		403294.96
3781841.13	1.08148			
403576.76	3781841.13	0.96222		403858.56
3781841.13	0.65147			
404140.36	3781841.13	0.53569		404422.16
3781841.13	0.52804			
404703.96	3781841.13	0.43894		399067.96
3782104.69	0.10929			
399349.76	3782104.69	0.11383		399631.56
3782104.69	0.10625			
399913.36	3782104.69	0.10922		400195.16
3782104.69	0.11436			
400476.96	3782104.69	0.12250		400758.76
3782104.69	0.16834			
401040.56	3782104.69	0.15287		401322.36
3782104.69	0.16559			
401604.16	3782104.69	0.20572		401885.96
3782104.69	0.23437			
402167.76	3782104.69	0.38212		402449.56
3782104.69	0.36454			
402731.36	3782104.69	0.38614		403013.16
3782104.69	0.40430			
403294.96	3782104.69	0.43492		403576.76
3782104.69	0.45085			
403858.56	3782104.69	0.49032		404140.36
3782104.69	0.41776			
404422.16	3782104.69	0.37765		404703.96
3782104.69	0.34129			
399067.96	3782368.25	0.10235		399349.76
3782368.25	0.10469			
399631.56	3782368.25	0.08624		399913.36
3782368.25	0.08525			
400195.16	3782368.25	0.09210		400476.96
3782368.25	0.08844			
400758.76	3782368.25	0.10248		401040.56
3782368.25	0.09823			
401322.36	3782368.25	0.11645		401604.16
3782368.25	0.12474			
401885.96	3782368.25	0.14123		402167.76
3782368.25	0.17320			
402449.56	3782368.25	0.17717		402731.36
3782368.25	0.19080			
403013.16	3782368.25	0.19599		403294.96
3782368.25	0.21338			
403576.76	3782368.25	0.23017		403858.56

```
3782368.25      0.26017
     404140.36    3782368.25       0.26088                    404422.16
3782368.25      0.26233
     404703.96    3782368.25       0.25933                    399067.96
3782631.81      0.09464
     399349.76    3782631.81       0.06412                    399631.56
3782631.81      0.07945
     399913.36    3782631.81       0.06112                    400195.16
3782631.81      0.06648
     400476.96    3782631.81       0.06889                    400758.76
3782631.81      0.07422
     401040.56    3782631.81       0.07576                    401322.36
3782631.81      0.08368
     401604.16    3782631.81       0.09292                    401885.96
3782631.81      0.10200
     402167.76    3782631.81       0.11226                    402449.56
3782631.81      0.11643
     402731.36    3782631.81       0.12344                    403013.16
3782631.81      0.12261
     403294.96    3782631.81       0.12823                    403576.76
3782631.81      0.14081
     403858.56    3782631.81       0.15232                    404140.36
3782631.81      0.15970
     404422.16    3782631.81       0.16636                    404703.96
3782631.81      0.17489
     399067.96    3782895.37       0.08493                    399349.76
3782895.37      0.07370
     399631.56    3782895.37       0.04836                    399913.36
3782895.37      0.05928
     400195.16    3782895.37       0.05395                    400476.96
3782895.37      0.05853
```

⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 173
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                        INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

        X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        400758.76   3782895.37   0.05840   401040.56
3782895.37   0.06355
        401322.36   3782895.37   0.06686   401604.16
3782895.37   0.07272
        401885.96   3782895.37   0.07612   402167.76
3782895.37   0.08185
        402449.56   3782895.37   0.08702   402731.36
3782895.37   0.09035
        403013.16   3782895.37   0.08659   403294.96
3782895.37   0.09162
        403576.76   3782895.37   0.09755   403858.56
3782895.37   0.10234
        404140.36   3782895.37   0.10748   404422.16
3782895.37   0.11262
        404703.96   3782895.37   0.11894   399067.96
3783158.93   0.06107
        399349.76   3783158.93   0.04860   399631.56
3783158.93   0.04008
        399913.36   3783158.93   0.04451   400195.16
3783158.93   0.04603
        400476.96   3783158.93   0.04787   400758.76
3783158.93   0.05149
        401040.56   3783158.93   0.05237   401322.36
3783158.93   0.05465
        401604.16   3783158.93   0.05882   401885.96
3783158.93   0.06079
        402167.76   3783158.93   0.06360   402449.56
3783158.93   0.06872
        402731.36   3783158.93   0.06109   403013.16
3783158.93   0.04943
        403294.96   3783158.93   0.07060   403576.76
3783158.93   0.07451
        403858.56   3783158.93   0.07639   404140.36
3783158.93   0.07747
        404422.16   3783158.93   0.08037   404703.96
3783158.93   0.08225
        399067.96   3783422.49   0.03948   399349.76
3783422.49   0.03507
        399631.56   3783422.49   0.03661   399913.36
3783422.49   0.03807

```
         400195.16    3783422.49          0.03900                          400476.96
3783422.49        0.04107
         400758.76    3783422.49          0.04294                          401040.56
3783422.49        0.04432
         401322.36    3783422.49          0.04390                          401604.16
3783422.49        0.04847
         401885.96    3783422.49          0.05093                          402167.76
3783422.49        0.05189
         402449.56    3783422.49          0.05320                          402731.36
3783422.49        0.05433
         403013.16    3783422.49          0.03620                          403294.96
3783422.49        0.05616
         403576.76    3783422.49          0.05985                          403858.56
3783422.49        0.06167
         404140.36    3783422.49          0.06214                          404422.16
3783422.49        0.05331
         404703.96    3783422.49          0.05035                          399067.96
3783686.05        0.02984
         399349.76    3783686.05          0.03077                          399631.56
3783686.05        0.03163
         399913.36    3783686.05          0.03299                          400195.16
3783686.05        0.03424
         400476.96    3783686.05          0.03551                          400758.76
3783686.05        0.03694
         401040.56    3783686.05          0.03839                          401322.36
3783686.05        0.03644
         401604.16    3783686.05          0.03375                          401885.96
3783686.05        0.03206
         402167.76    3783686.05          0.03126                          402449.56
3783686.05        0.03237
         402731.36    3783686.05          0.02565                          403013.16
3783686.05        0.02021
         403294.96    3783686.05          0.03897                          403576.76
3783686.05        0.04834
         403858.56    3783686.05          0.05102                          404140.36
3783686.05        0.05146
         404422.16    3783686.05          0.04802                          404703.96
3783686.05        0.03228
         399067.96    3783949.61          0.02680                          399349.76
3783949.61        0.02744
```

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***

                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        399631.56   3783949.61   0.02857   399913.36
3783949.61   0.02925
        400195.16   3783949.61   0.02781   400476.96
3783949.61   0.02907
        400758.76   3783949.61   0.02972   401040.56
3783949.61   0.03367
        401322.36   3783949.61   0.03417   401604.16
3783949.61   0.02740
        401885.96   3783949.61   0.01840   402167.76
3783949.61   0.01599
        402449.56   3783949.61   0.02004   402731.36
3783949.61   0.01549
        403013.16   3783949.61   0.02844   403294.96
3783949.61   0.03604
        403576.76   3783949.61   0.04181   403858.56
3783949.61   0.04210
        404140.36   3783949.61   0.04186   404422.16
3783949.61   0.02707
        404703.96   3783949.61   0.02490   399067.96
3784213.17   0.02417
        399349.76   3784213.17   0.02500   399631.56
3784213.17   0.02580
        399913.36   3784213.17   0.02560   400195.16
3784213.17   0.01917
        400476.96   3784213.17   0.01613   400758.76
3784213.17   0.01472
        401040.56   3784213.17   0.02569   401322.36
3784213.17   0.03069
        401604.16   3784213.17   0.02660   401885.96
3784213.17   0.01371
        402167.76   3784213.17   0.00785   402449.56

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3784213.17          0.01140
         402731.36     3784213.17          0.02298                         403013.16
3784213.17          0.02870
         403294.96     3784213.17          0.03382                         403576.76
3784213.17          0.03413
         403858.56     3784213.17          0.02606                         404140.36
3784213.17          0.02074
         404422.16     3784213.17          0.01545                         404703.96
3784213.17          0.02229
         401308.88     3781008.78          0.43554                         401328.88
3781008.78          0.44439
         401348.88     3781008.78          0.45325                         401368.88
3781008.78          0.46221
         401388.88     3781008.78          0.47219                         401408.88
3781008.78          0.48280
         401428.88     3781008.78          0.49238                         401448.88
3781008.78          0.50238
         401468.88     3781008.78          0.51344                         401488.88
3781008.78          0.52475
         401508.88     3781008.78          0.53605                         401528.88
3781008.78          0.54805
         401548.88     3781008.78          0.56045                         401568.88
3781008.78          0.57295
         401588.88     3781008.78          0.58591                         401608.88
3781008.78          0.59874
         401628.88     3781008.78          0.61216                         401648.88
3781008.78          0.62629
         401668.88     3781008.78          0.64078                         401688.88
3781008.78          0.65594
         401708.88     3781008.78          0.67189                         401728.88
3781008.78          0.68804
         401748.88     3781008.78          0.70466                         401768.88
3781008.78          0.72181
         401788.88     3781008.78          0.73911                         401808.88
3781008.78          0.75702
         401828.88     3781008.78          0.77489                         401848.88
3781008.78          0.79316
         401868.88     3781008.78          0.81251                         401888.88
3781008.78          0.83204
         401908.88     3781008.78          0.85213                         401928.88
3781008.78          0.87266
         401948.88     3781008.78          0.89372                         401968.88
3781008.78          0.91522
         401988.88     3781008.78          0.93722                         402008.88
3781008.78          0.95968
         402028.88     3781008.78          0.98387                         402048.88
3781008.78          1.00647
         402068.88     3781008.78          1.02991                         402088.88
3781008.78          1.05463
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402108.88   3781008.78   1.07884   402128.88
3781008.78   1.10401
         402148.88   3781008.78   1.13005   402168.88
3781008.78   1.15736
         402188.88   3781008.78   1.18365   402208.88
3781008.78   1.20977
         402228.88   3781008.78   1.23545   402248.88
3781008.78   1.26248
         402268.88   3781008.78   1.29131   402288.88
3781008.78   1.32060
         402308.88   3781008.78   1.35179   402328.88
3781008.78   1.38134
         402348.88   3781008.78   1.41420   402368.88
3781008.78   1.44691
         402388.88   3781008.78   1.48054   402408.88
3781008.78   1.51637
         402428.88   3781008.78   1.55353   402448.88
3781008.78   1.59369
         402468.88   3781008.78   1.63620   402488.88
3781008.78   1.68038
         402508.88   3781008.78   1.73189   401308.88
3781028.78   0.43627

401328.88	3781028.78	0.44540	401348.88	
3781028.78	0.45417			
401368.88	3781028.78	0.46374	401388.88	
3781028.78	0.47407			
401408.88	3781028.78	0.48303	401428.88	
3781028.78	0.49378			
401448.88	3781028.78	0.50471	401468.88	
3781028.78	0.51540			
401488.88	3781028.78	0.52732	401508.88	
3781028.78	0.53925			
401528.88	3781028.78	0.55135	401548.88	
3781028.78	0.56396			
401568.88	3781028.78	0.57682	401588.88	
3781028.78	0.59021			
401608.88	3781028.78	0.60359	401628.88	
3781028.78	0.61702			
401648.88	3781028.78	0.63159	401668.88	
3781028.78	0.64666			
401688.88	3781028.78	0.66224	401708.88	
3781028.78	0.67852			
401728.88	3781028.78	0.69510	401748.88	
3781028.78	0.71219			
401768.88	3781028.78	0.72989	401788.88	
3781028.78	0.74783			
401808.88	3781028.78	0.76621	401828.88	
3781028.78	0.78467			
401848.88	3781028.78	0.80364	401868.88	
3781028.78	0.82377			
401888.88	3781028.78	0.84359	401908.88	
3781028.78	0.86448			
401928.88	3781028.78	0.88563	401948.88	
3781028.78	0.90722			
401968.88	3781028.78	0.92951	401988.88	
3781028.78	0.95240			
402008.88	3781028.78	0.97571	402028.88	
3781028.78	1.00025			
402048.88	3781028.78	1.02399	402068.88	
3781028.78	1.04813			
402088.88	3781028.78	1.07312	402108.88	
3781028.78	1.09923			
402128.88	3781028.78	1.12497	402148.88	
3781028.78	1.15102			
402168.88	3781028.78	1.17909	402188.88	
3781028.78	1.20558			
402208.88	3781028.78	1.23216	402228.88	
3781028.78	1.25811			
402248.88	3781028.78	1.28578	402268.88	
3781028.78	1.31476			
402288.88	3781028.78	1.34428	402308.88	
3781028.78	1.37601			

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           402328.88    3781028.78       1.40558                       402348.88
3781028.78       1.43947
           402368.88    3781028.78       1.47193                       402388.88
3781028.78       1.50520
           402408.88    3781028.78       1.54156                       402428.88
3781028.78       1.57971
           402448.88    3781028.78       1.62071                       402468.88
3781028.78       1.66165
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 176
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
           402488.88   3781028.78   1.70714   402508.88
3781028.78   1.75641
           401308.88   3781048.78   0.43738   401328.88
3781048.78   0.44635
           401348.88   3781048.78   0.45562   401368.88
3781048.78   0.46538
           401388.88   3781048.78   0.47544   401408.88
3781048.78   0.48533
           401428.88   3781048.78   0.49576   401448.88
3781048.78   0.50659
           401468.88   3781048.78   0.51811   401488.88
3781048.78   0.53009
           401508.88   3781048.78   0.54150   401528.88

```
3781048.78        0.55425
        401548.88    3781048.78        0.56746                    401568.88
3781048.78        0.58080
        401588.88    3781048.78        0.59446                    401608.88
3781048.78        0.60763
        401628.88    3781048.78        0.62153                    401648.88
3781048.78        0.63644
        401668.88    3781048.78        0.65232                    401688.88
3781048.78        0.66885
        401708.88    3781048.78        0.68539                    401728.88
3781048.78        0.70253
        401748.88    3781048.78        0.72021                    401768.88
3781048.78        0.73845
        401788.88    3781048.78        0.75695                    401808.88
3781048.78        0.77610
        401828.88    3781048.78        0.79518                    401848.88
3781048.78        0.81499
        401868.88    3781048.78        0.83570                    401888.88
3781048.78        0.85650
        401908.88    3781048.78        0.87822                    401928.88
3781048.78        0.90008
        401948.88    3781048.78        0.92253                    401968.88
3781048.78        0.94588
        401988.88    3781048.78        0.96947                    402008.88
3781048.78        0.99382
        402028.88    3781048.78        1.01945                    402048.88
3781048.78        1.04348
        402068.88    3781048.78        1.06870                    402088.88
3781048.78        1.09414
        402108.88    3781048.78        1.12106                    402128.88
3781048.78        1.14710
        402148.88    3781048.78        1.17437                    402168.88
3781048.78        1.20066
        402188.88    3781048.78        1.22869                    402208.88
3781048.78        1.25702
        402228.88    3781048.78        1.28375                    402248.88
3781048.78        1.31212
        402268.88    3781048.78        1.34153                    402288.88
3781048.78        1.37123
        402308.88    3781048.78        1.40384                    402328.88
3781048.78        1.43527
        402348.88    3781048.78        1.46740                    402368.88
3781048.78        1.50088
        402388.88    3781048.78        1.53469                    402408.88
3781048.78        1.57088
        402428.88    3781048.78        1.60896                    402448.88
3781048.78        1.64859
        402468.88    3781048.78        1.69091                    402488.88
3781048.78        1.73509
        402508.88    3781048.78        1.78455                    401308.88
```

```
3781068.78        0.43825
         401328.88    3781068.78        0.44762                      401348.88
3781068.78        0.45697
         401368.88    3781068.78        0.46691                      401388.88
3781068.78        0.47679
         401408.88    3781068.78        0.48705                      401428.88
3781068.78        0.49748
         401448.88    3781068.78        0.50891                      401468.88
3781068.78        0.52083
         401488.88    3781068.78        0.53247                      401508.88
3781068.78        0.54476
         401528.88    3781068.78        0.55732                      401548.88
3781068.78        0.57109
         401568.88    3781068.78        0.58463                      401588.88
3781068.78        0.59868
         401608.88    3781068.78        0.61241                      401628.88
3781068.78        0.62687
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                                PAGE 177
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
               L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
               L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
               L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         401648.88   3781068.78   0.64208   401668.88
3781068.78   0.65798
         401688.88   3781068.78   0.67519   401708.88
3781068.78   0.69264
```

401728.88	3781068.78	0.71018	401748.88	
3781068.78	0.72860			
401768.88	3781068.78	0.74749	401788.88	
3781068.78	0.76670			
401808.88	3781068.78	0.78615	401828.88	
3781068.78	0.80626			
401848.88	3781068.78	0.82687	401868.88	
3781068.78	0.84840			
401888.88	3781068.78	0.87011	401908.88	
3781068.78	0.89280			
401928.88	3781068.78	0.91562	401948.88	
3781068.78	0.93881			
401968.88	3781068.78	0.96261	401988.88	
3781068.78	0.98732			
402008.88	3781068.78	1.01227	402028.88	
3781068.78	1.03928			
402048.88	3781068.78	1.06404	402068.88	
3781068.78	1.09007			
402088.88	3781068.78	1.11663	402108.88	
3781068.78	1.14458			
402128.88	3781068.78	1.17163	402148.88	
3781068.78	1.19939			
402168.88	3781068.78	1.22808	402188.88	
3781068.78	1.25636			
402208.88	3781068.78	1.28467	402228.88	
3781068.78	1.31281			
402248.88	3781068.78	1.34192	402268.88	
3781068.78	1.37171			
402288.88	3781068.78	1.40242	402308.88	
3781068.78	1.43433			
402328.88	3781068.78	1.46696	402348.88	
3781068.78	1.49953			
402368.88	3781068.78	1.53140	402388.88	
3781068.78	1.56505			
402408.88	3781068.78	1.60115	402428.88	
3781068.78	1.63854			
402448.88	3781068.78	1.67884	402468.88	
3781068.78	1.72198			
402488.88	3781068.78	1.76757	402508.88	
3781068.78	1.81519			
401308.88	3781088.78	0.43893	401328.88	
3781088.78	0.44869			
401348.88	3781088.78	0.45833	401368.88	
3781088.78	0.46847			
401388.88	3781088.78	0.47827	401408.88	
3781088.78	0.48905			
401428.88	3781088.78	0.49953	401448.88	
3781088.78	0.51131			
401468.88	3781088.78	0.52339	401488.88	
3781088.78	0.53519			

```
        401508.88    3781088.78          0.54810                            401528.88
3781088.78        0.56109
        401548.88    3781088.78          0.57484                            401568.88
3781088.78        0.58862
        401588.88    3781088.78          0.60303                            401608.88
3781088.78        0.61754
        401628.88    3781088.78          0.63286                            401648.88
3781088.78        0.64864
        401668.88    3781088.78          0.66497                            401688.88
3781088.78        0.68189
        401708.88    3781088.78          0.70028                            401728.88
3781088.78        0.71862
        401748.88    3781088.78          0.73745                            401768.88
3781088.78        0.75699
        401788.88    3781088.78          0.77693                            401808.88
3781088.78        0.79727
        401828.88    3781088.78          0.81815                            401848.88
3781088.78        0.83968
        401868.88    3781088.78          0.86201                            401888.88
3781088.78        0.88473
        401908.88    3781088.78          0.90822                            401928.88
3781088.78        0.93219
        401948.88    3781088.78          0.95672                            401968.88
3781088.78        0.98195
        401988.88    3781088.78          1.00741                            402008.88
3781088.78        1.03361
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                                 PAGE 178
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402028.88	3781088.78	1.06086	402048.88	3781088.78	1.08701
402068.88	3781088.78	1.11369	402088.88	3781088.78	1.14193
402108.88	3781088.78	1.17012	402128.88	3781088.78	1.19864
402148.88	3781088.78	1.22762	402168.88	3781088.78	1.25734
402188.88	3781088.78	1.28633	402208.88	3781088.78	1.31518
402228.88	3781088.78	1.34434	402248.88	3781088.78	1.37414
402268.88	3781088.78	1.40446	402288.88	3781088.78	1.43536
402308.88	3781088.78	1.46808	402328.88	3781088.78	1.50060
402348.88	3781088.78	1.53364	402368.88	3781088.78	1.56740
402388.88	3781088.78	1.60010	402408.88	3781088.78	1.63630
402428.88	3781088.78	1.67360	402448.88	3781088.78	1.71541
402468.88	3781088.78	1.75786	402488.88	3781088.78	1.80268
402508.88	3781088.78	1.84967	401308.88	3781108.78	0.43982
401328.88	3781108.78	0.44938	401348.88	3781108.78	0.45951
401368.88	3781108.78	0.46987	401388.88	3781108.78	0.47979
401408.88	3781108.78	0.49083	401428.88	3781108.78	0.50174
401448.88	3781108.78	0.51375	401468.88	3781108.78	0.52578
401488.88	3781108.78	0.53782	401508.88	3781108.78	0.55122
401528.88	3781108.78	0.56454	401548.88	3781108.78	0.57881
401568.88	3781108.78	0.59290	401588.88	3781108.78	0.60770
401608.88	3781108.78	0.62289	401628.88	3781108.78	0.63857
401648.88	3781108.78	0.65479	401668.88	3781108.78	0.67152
401688.88	3781108.78	0.68914	401708.88		

```
3781108.78       0.70823
         401728.88    3781108.78       0.72709                      401748.88
3781108.78       0.74668
         401768.88    3781108.78       0.76689                      401788.88
3781108.78       0.78757
         401808.88    3781108.78       0.80873                      401828.88
3781108.78       0.83069
         401848.88    3781108.78       0.85321                      401868.88
3781108.78       0.87656
         401888.88    3781108.78       0.90025                      401908.88
3781108.78       0.92490
         401928.88    3781108.78       0.94990                      401948.88
3781108.78       0.97560
         401968.88    3781108.78       1.00207                      401988.88
3781108.78       1.02934
         402008.88    3781108.78       1.05633                      402028.88
3781108.78       1.08447
         402048.88    3781108.78       1.11174                      402068.88
3781108.78       1.14016
         402088.88    3781108.78       1.16935                      402108.88
3781108.78       1.19863
         402128.88    3781108.78       1.22802                      402148.88
3781108.78       1.25748
         402168.88    3781108.78       1.28886                      402188.88
3781108.78       1.31842
         402208.88    3781108.78       1.34890                      402228.88
3781108.78       1.37906
         402248.88    3781108.78       1.40988                      402268.88
3781108.78       1.44135
         402288.88    3781108.78       1.47304                      402308.88
3781108.78       1.50614
         402328.88    3781108.78       1.53849                      402348.88
3781108.78       1.57177
         402368.88    3781108.78       1.60437                      402388.88
3781108.78       1.63847
```

⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 179

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                            INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911

, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

        X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
  -
- -
        402408.88   3781108.78   1.67553   402428.88
3781108.78   1.71440
        402448.88   3781108.78   1.75220   402468.88
3781108.78   1.79730
        402488.88   3781108.78   1.84209   402508.88
3781108.78   1.88823
        401308.88   3781128.78   0.44077   401328.88
3781128.78   0.45047
        401348.88   3781128.78   0.46064   401368.88
3781128.78   0.47127
        401388.88   3781128.78   0.48140   401408.88
3781128.78   0.49230
        401428.88   3781128.78   0.50367   401448.88
3781128.78   0.51605
        401468.88   3781128.78   0.52836   401488.88
3781128.78   0.54074
        401508.88   3781128.78   0.55411   401528.88
3781128.78   0.56782
        401548.88   3781128.78   0.58285   401568.88
3781128.78   0.59729
        401588.88   3781128.78   0.61272   401608.88
3781128.78   0.62830
        401628.88   3781128.78   0.64459   401648.88
3781128.78   0.66131
        401668.88   3781128.78   0.67901   401688.88
3781128.78   0.69734
        401708.88   3781128.78   0.71649   401728.88
3781128.78   0.73603
        401748.88   3781128.78   0.75631   401768.88
3781128.78   0.77731
        401788.88   3781128.78   0.79875   401808.88
3781128.78   0.82105
        401828.88   3781128.78   0.84398   401848.88
3781128.78   0.86749
        401868.88   3781128.78   0.89205   401888.88
3781128.78   0.91695

```
         401908.88    3781128.78         0.94269                        401928.88
3781128.78        0.96914
         401948.88    3781128.78         0.99609                        401968.88
3781128.78        1.02391
         401988.88    3781128.78         1.05201                        402008.88
3781128.78        1.08091
         402028.88    3781128.78         1.10985                        402048.88
3781128.78        1.13923
         402068.88    3781128.78         1.16887                        402088.88
3781128.78        1.19936
         402108.88    3781128.78         1.23011                        402128.88
3781128.78        1.26095
         402148.88    3781128.78         1.29245                        402168.88
3781128.78        1.32353
         402188.88    3781128.78         1.35478                        402208.88
3781128.78        1.38637
         402228.88    3781128.78         1.41796                        402248.88
3781128.78        1.44996
         402268.88    3781128.78         1.48223                        402288.88
3781128.78        1.51512
         402308.88    3781128.78         1.54845                        402328.88
3781128.78        1.58086
         402348.88    3781128.78         1.61461                        402368.88
3781128.78        1.64950
         402388.88    3781128.78         1.68491                        402408.88
3781128.78        1.72027
         402428.88    3781128.78         1.75928                        402448.88
3781128.78        1.79730
         402468.88    3781128.78         1.84096                        402488.88
3781128.78        1.88577
         402508.88    3781128.78         1.93162                        401308.88
3781148.78        0.44162
         401328.88    3781148.78         0.45121                        401348.88
3781148.78        0.46127
         401368.88    3781148.78         0.47260                        401388.88
3781148.78        0.48353
         401408.88    3781148.78         0.49422                        401428.88
3781148.78        0.50593
         401448.88    3781148.78         0.51838                        401468.88
3781148.78        0.53105
         401488.88    3781148.78         0.54348                        401508.88
3781148.78        0.55745
         401528.88    3781148.78         0.57180                        401548.88
3781148.78        0.58698
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at ***
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 180

```
   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                              INCLUDING SOURCE(S):    L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
              L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
              L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
              L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10     IN MICROGRAMS/M**3
              **

     X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
         401568.88    3781148.78        0.60192                    401588.88
3781148.78        0.61755
         401608.88    3781148.78        0.63380                    401628.88
3781148.78        0.65064
         401648.88    3781148.78        0.66822                    401668.88
3781148.78        0.68655
         401688.88    3781148.78        0.70555                    401708.88
3781148.78        0.72521
         401728.88    3781148.78        0.74557                    401748.88
3781148.78        0.76664
         401768.88    3781148.78        0.78841                    401788.88
3781148.78        0.81090
         401808.88    3781148.78        0.83417                    401828.88
3781148.78        0.85824
         401848.88    3781148.78        0.88303                    401868.88
3781148.78        0.90862
         401888.88    3781148.78        0.93498                    401908.88
3781148.78        0.96206
         401928.88    3781148.78        0.98983                    401948.88
3781148.78        1.01831
         401968.88    3781148.78        1.04747                    401988.88
3781148.78        1.07705
         402008.88    3781148.78        1.10734                    402028.88
3781148.78        1.13793
         402048.88    3781148.78        1.16910                    402068.88
3781148.78        1.20056
         402088.88    3781148.78        1.23245                    402108.88
```

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3781148.78        1.26464
        402128.88    3781148.78        1.29709                402148.88
3781148.78        1.32979
        402168.88    3781148.78        1.36256                402188.88
3781148.78        1.39548
        402208.88    3781148.78        1.42860                402228.88
3781148.78        1.46180
        402248.88    3781148.78        1.49511                402268.88
3781148.78        1.52857
        402288.88    3781148.78        1.56234                402308.88
3781148.78        1.59620
        402328.88    3781148.78        1.63013                402348.88
3781148.78        1.66471
        402368.88    3781148.78        1.70000                402388.88
3781148.78        1.73583
        402408.88    3781148.78        1.77258                402428.88
3781148.78        1.81048
        402448.88    3781148.78        1.85002                402468.88
3781148.78        1.89176
        402488.88    3781148.78        1.93621                402508.88
3781148.78        1.98323
        401308.88    3781168.78        0.44263                401328.88
3781168.78        0.45244
        401348.88    3781168.78        0.46261                401368.88
3781168.78        0.47394
        401388.88    3781168.78        0.48469                401408.88
3781168.78        0.49599
        401428.88    3781168.78        0.50796                401448.88
3781168.78        0.52079
        401468.88    3781168.78        0.53364                401488.88
3781168.78        0.54671
        401508.88    3781168.78        0.56092                401528.88
3781168.78        0.57534
        401548.88    3781168.78        0.59114                401568.88
3781168.78        0.60632
        401588.88    3781168.78        0.62239                401608.88
3781168.78        0.63912
        401628.88    3781168.78        0.65678                401648.88
3781168.78        0.67478
        401668.88    3781168.78        0.69398                401688.88
3781168.78        0.71378
        401708.88    3781168.78        0.73420                401728.88
3781168.78        0.75544
        401748.88    3781168.78        0.77734                401768.88
3781168.78        0.80009
        401788.88    3781168.78        0.82366                401808.88
3781168.78        0.84807
        401828.88    3781168.78        0.87336                401848.88
3781168.78        0.89941
        401868.88    3781168.78        0.92643                401888.88
```

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3781168.78        0.95413
         401908.88     3781168.78        0.98267                         401928.88
3781168.78        1.01198
♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***       04/07/21
 *** AERMET - VERSION  16216 ***   ***
                           ***        05:36:20


                               PAGE 181
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
             L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
             L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
             L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    , . . .      ,


                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                                ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


      X-COORD (M)   Y-COORD (M)      CONC                   X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         401948.88    3781168.78       1.04205                      401968.88
3781168.78        1.07277
         401988.88    3781168.78       1.10417                      402008.88
3781168.78        1.13620
         402028.88    3781168.78       1.16870                      402048.88
3781168.78        1.20168
         402068.88    3781168.78       1.23508                      402088.88
3781168.78        1.26884
         402108.88    3781168.78       1.30286                      402128.88
3781168.78        1.33711
         402148.88    3781168.78       1.37154                      402168.88
3781168.78        1.40605
         402188.88    3781168.78       1.44068                      402208.88
3781168.78        1.47536
         402228.88    3781168.78       1.50974                      402248.88
3781168.78        1.54442
         402268.88    3781168.78       1.57892                      402288.88
3781168.78        1.61355
```

402308.88	3781168.78	1.64907	402328.88
3781168.78	1.68329		
402348.88	3781168.78	1.71824	402368.88
3781168.78	1.75404		
402388.88	3781168.78	1.78989	402408.88
3781168.78	1.82692		
402428.88	3781168.78	1.86487	402448.88
3781168.78	1.90506		
402468.88	3781168.78	1.94558	402488.88
3781168.78	1.99301		
402508.88	3781168.78	2.03634	401308.88
3781188.78	0.44344		
401328.88	3781188.78	0.45344	401348.88
3781188.78	0.46384		
401368.88	3781188.78	0.47524	401388.88
3781188.78	0.48628		
401408.88	3781188.78	0.49785	401428.88
3781188.78	0.50997		
401448.88	3781188.78	0.52299	401468.88
3781188.78	0.53632		
401488.88	3781188.78	0.54978	401508.88
3781188.78	0.56429		
401528.88	3781188.78	0.57904	401548.88
3781188.78	0.59537		
401568.88	3781188.78	0.61101	401588.88
3781188.78	0.62765		
401608.88	3781188.78	0.64501	401628.88
3781188.78	0.66301		
401648.88	3781188.78	0.68195	401668.88
3781188.78	0.70185		
401688.88	3781188.78	0.72231	401708.88
3781188.78	0.74360		
401728.88	3781188.78	0.76570	401748.88
3781188.78	0.78862		
401768.88	3781188.78	0.81244	401788.88
3781188.78	0.83718		
401808.88	3781188.78	0.86285	401828.88
3781188.78	0.88948		
401848.88	3781188.78	0.91703	401868.88
3781188.78	0.94540		
401888.88	3781188.78	0.97482	401908.88
3781188.78	1.00508		
401928.88	3781188.78	1.03599	401948.88
3781188.78	1.06783		
401968.88	3781188.78	1.10040	401988.88
3781188.78	1.13373		
402008.88	3781188.78	1.16760	402028.88
3781188.78	1.20238		
402048.88	3781188.78	1.23772	402068.88
3781188.78	1.27337		

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         402088.88    3781188.78          1.30924                    402108.88
3781188.78       1.34541
         402128.88    3781188.78          1.38160                    402148.88
3781188.78       1.41810
         402168.88    3781188.78          1.45459                    402188.88
3781188.78       1.49120
         402208.88    3781188.78          1.52769                    402228.88
3781188.78       1.56403
         402248.88    3781188.78          1.60021                    402268.88
3781188.78       1.63627
         402288.88    3781188.78          1.67233                    402308.88
3781188.78       1.70847
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                           PAGE 182
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                          INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
             L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
             L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
             L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
           **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
 -
         402328.88   3781188.78   1.74381   402348.88
3781188.78   1.77969
         402368.88   3781188.78   1.81599   402388.88
3781188.78   1.85282
         402408.88   3781188.78   1.89033   402428.88
3781188.78   1.92925
         402448.88   3781188.78   1.96881   402468.88
3781188.78   2.00951
         402488.88   3781188.78   2.05607   402508.88

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3781188.78          2.10046
        401308.88    3781208.78         0.44403                    401328.88
3781208.78          0.45430
        401348.88    3781208.78         0.46483                    401368.88
3781208.78          0.47646
        401388.88    3781208.78         0.48780                    401408.88
3781208.78          0.49967
        401428.88    3781208.78         0.51210                    401448.88
3781208.78          0.52522
        401468.88    3781208.78         0.53877                    401488.88
3781208.78          0.55282
        401508.88    3781208.78         0.56764                    401528.88
3781208.78          0.58289
        401548.88    3781208.78         0.59955                    401568.88
3781208.78          0.61588
        401588.88    3781208.78         0.63299                    401608.88
3781208.78          0.65072
        401628.88    3781208.78         0.66954                    401648.88
3781208.78          0.68930
        401668.88    3781208.78         0.70985                    401688.88
3781208.78          0.73119
        401708.88    3781208.78         0.75331                    401728.88
3781208.78          0.77635
        401748.88    3781208.78         0.80035                    401768.88
3781208.78          0.82537
        401788.88    3781208.78         0.85138                    401808.88
3781208.78          0.87846
        401828.88    3781208.78         0.90648                    401848.88
3781208.78          0.93563
        401868.88    3781208.78         0.96563                    401888.88
3781208.78          0.99679
        401908.88    3781208.78         1.02905                    401928.88
3781208.78          1.06195
        401948.88    3781208.78         1.09585                    401968.88
3781208.78          1.13064
        401988.88    3781208.78         1.16576                    402008.88
3781208.78          1.20179
        402028.88    3781208.78         1.23936                    402048.88
3781208.78          1.27749
        402068.88    3781208.78         1.31586                    402088.88
3781208.78          1.35402
        402108.88    3781208.78         1.39276                    402128.88
3781208.78          1.43145
        402148.88    3781208.78         1.47012                    402168.88
3781208.78          1.50929
        402188.88    3781208.78         1.54805                    402208.88
3781208.78          1.58657
        402228.88    3781208.78         1.62504                    402248.88
3781208.78          1.66310
        402268.88    3781208.78         1.70086                    402288.88
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3781208.78       1.73837
        402308.88    3781208.78        1.77564                        402328.88
3781208.78       1.81264
        402348.88    3781208.78        1.84949                        402368.88
3781208.78       1.88622
        402388.88    3781208.78        1.92351                        402408.88
3781208.78       1.96127
        402428.88    3781208.78        2.00037                        402448.88
3781208.78       2.04054
        402468.88    3781208.78        2.08212                        402488.88
3781208.78       2.12741
        402508.88    3781208.78        2.17266                        401308.88
3781228.78       0.44465
        401328.88    3781228.78        0.45509                        401348.88
3781228.78       0.46582
        401368.88    3781228.78        0.47749                        401388.88
3781228.78       0.48906
        401408.88    3781228.78        0.50115                        401428.88
3781228.78       0.51385
        401448.88    3781228.78        0.52741                        401468.88
3781228.78       0.54143
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 183
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
 -
```

| | | | |
|---|---|---|---|
| 401488.88 | 3781228.78 | 0.55574 | 401508.88 |
| 3781228.78 | 0.57095 | | |
| 401528.88 | 3781228.78 | 0.58662 | 401548.88 |
| 3781228.78 | 0.60379 | | |
| 401568.88 | 3781228.78 | 0.62084 | 401588.88 |
| 3781228.78 | 0.63840 | | |
| 401608.88 | 3781228.78 | 0.65680 | 401628.88 |
| 3781228.78 | 0.67623 | | |
| 401648.88 | 3781228.78 | 0.69668 | 401668.88 |
| 3781228.78 | 0.71802 | | |
| 401688.88 | 3781228.78 | 0.74025 | 401708.88 |
| 3781228.78 | 0.76332 | | |
| 401728.88 | 3781228.78 | 0.78740 | 401748.88 |
| 3781228.78 | 0.81260 | | |
| 401768.88 | 3781228.78 | 0.83888 | 401788.88 |
| 3781228.78 | 0.86631 | | |
| 401808.88 | 3781228.78 | 0.89477 | 401828.88 |
| 3781228.78 | 0.92451 | | |
| 401848.88 | 3781228.78 | 0.95537 | 401868.88 |
| 3781228.78 | 0.98717 | | |
| 401888.88 | 3781228.78 | 1.02026 | 401908.88 |
| 3781228.78 | 1.05465 | | |
| 401928.88 | 3781228.78 | 1.09013 | 401948.88 |
| 3781228.78 | 1.12628 | | |
| 401968.88 | 3781228.78 | 1.16316 | 401988.88 |
| 3781228.78 | 1.20053 | | |
| 402008.88 | 3781228.78 | 1.23940 | 402028.88 |
| 3781228.78 | 1.27987 | | |
| 402048.88 | 3781228.78 | 1.32137 | 402068.88 |
| 3781228.78 | 1.36305 | | |
| 402088.88 | 3781228.78 | 1.40442 | 402108.88 |
| 3781228.78 | 1.44653 | | |
| 402128.88 | 3781228.78 | 1.48732 | 402148.88 |
| 3781228.78 | 1.52888 | | |
| 402168.88 | 3781228.78 | 1.57092 | 402188.88 |
| 3781228.78 | 1.61231 | | |
| 402208.88 | 3781228.78 | 1.65318 | 402228.88 |
| 3781228.78 | 1.69387 | | |
| 402248.88 | 3781228.78 | 1.73411 | 402268.88 |
| 3781228.78 | 1.77389 | | |
| 402288.88 | 3781228.78 | 1.81297 | 402308.88 |
| 3781228.78 | 1.85167 | | |
| 402328.88 | 3781228.78 | 1.89042 | 402348.88 |
| 3781228.78 | 1.92877 | | |
| 402368.88 | 3781228.78 | 1.96662 | 402388.88 |
| 3781228.78 | 2.00423 | | |
| 402408.88 | 3781228.78 | 2.04229 | 402428.88 |
| 3781228.78 | 2.08079 | | |
| 402448.88 | 3781228.78 | 2.12095 | 402468.88 |
| 3781228.78 | 2.16216 | | |

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        402488.88   3781228.78   2.20745   402508.88
3781228.78   2.25363
        401308.88   3781248.78   0.44522   401328.88
3781248.78   0.45576
        401348.88   3781248.78   0.46681   401368.88
3781248.78   0.47835
        401388.88   3781248.78   0.49020   401408.88
3781248.78   0.50266
        401428.88   3781248.78   0.51586   401448.88
3781248.78   0.52953
        401468.88   3781248.78   0.54386   401488.88
3781248.78   0.55874
        401508.88   3781248.78   0.57437   401528.88
3781248.78   0.59054
        401548.88   3781248.78   0.60798   401568.88
3781248.78   0.62514
        401588.88   3781248.78   0.64354   401608.88
3781248.78   0.66277
        401628.88   3781248.78   0.68300   401648.88
3781248.78   0.70420
        401668.88   3781248.78   0.72637   401688.88
3781248.78   0.74948
        401708.88   3781248.78   0.77361   401728.88
3781248.78   0.79889
        401748.88   3781248.78   0.82532   401768.88
3781248.78   0.85296
        401788.88   3781248.78   0.88190   401808.88
3781248.78   0.91210
        401828.88   3781248.78   0.94349   401848.88
3781248.78   0.97628
```
♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***       04/07/21
 *** AERMET - VERSION  16216 ***   ***
                          ***        05:36:20


                              PAGE 184
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                              INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .     ,


                              *** DISCRETE CARTESIAN RECEPTOR POINTS

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***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                      **


        X-COORD (M)    Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
           401868.88    3781248.78        1.01007                        401888.88
3781248.78       1.04568
           401908.88    3781248.78        1.08255                        401928.88
3781248.78       1.12048
           401948.88    3781248.78        1.15877                        401968.88
3781248.78       1.19823
           401988.88    3781248.78        1.23924                        402008.88
3781248.78       1.28116
           402028.88    3781248.78        1.32530                        402048.88
3781248.78       1.37019
           402068.88    3781248.78        1.41528                        402088.88
3781248.78       1.46043
           402108.88    3781248.78        1.50538                        402128.88
3781248.78       1.55068
           402148.88    3781248.78        1.59537                        402168.88
3781248.78       1.64050
           402188.88    3781248.78        1.68560                        402208.88
3781248.78       1.72944
           402228.88    3781248.78        1.77268                        402248.88
3781248.78       1.81498
           402268.88    3781248.78        1.85716                        402288.88
3781248.78       1.89831
           402308.88    3781248.78        1.93875                        402328.88
3781248.78       1.97943
           402348.88    3781248.78        2.02002                        402368.88
3781248.78       2.05810
           402388.88    3781248.78        2.09633                        402408.88
3781248.78       2.13443
           402428.88    3781248.78        2.17319                        402448.88
3781248.78       2.21304
           402468.88    3781248.78        2.25386                        402488.88
3781248.78       2.29816
           402508.88    3781248.78        2.34235                        401308.88
3781268.78       0.44583
           401328.88    3781268.78        0.45656                        401348.88
3781268.78       0.46794
           401368.88    3781268.78        0.47971                        401388.88
3781268.78       0.49187
           401408.88    3781268.78        0.50458                        401428.88
3781268.78       0.51791
           401448.88    3781268.78        0.53196                        401468.88
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```
3781268.78         0.54667
         401488.88    3781268.78         0.56199                         401508.88
3781268.78         0.57799
         401528.88    3781268.78         0.59472                         401548.88
3781268.78         0.61219
         401568.88    3781268.78         0.63021                         401588.88
3781268.78         0.64923
         401608.88    3781268.78         0.66913                         401628.88
3781268.78         0.69003
         401648.88    3781268.78         0.71192                         401668.88
3781268.78         0.73490
         401688.88    3781268.78         0.75895                         401708.88
3781268.78         0.78421
         401728.88    3781268.78         0.81068                         401748.88
3781268.78         0.83845
         401768.88    3781268.78         0.86760                         401788.88
3781268.78         0.89816
         401808.88    3781268.78         0.93011                         401828.88
3781268.78         0.96351
         401848.88    3781268.78         0.99839                         401868.88
3781268.78         1.03445
         401888.88    3781268.78         1.07265                         401908.88
3781268.78         1.11217
         401928.88    3781268.78         1.15283                         401948.88
3781268.78         1.19387
         401968.88    3781268.78         1.23723                         401988.88
3781268.78         1.28242
         402008.88    3781268.78         1.32716                         402028.88
3781268.78         1.37600
         402048.88    3781268.78         1.42513                         402068.88
3781268.78         1.47457
         402088.88    3781268.78         1.52330                         402108.88
3781268.78         1.57325
         402128.88    3781268.78         1.62209                         402148.88
3781268.78         1.67131
         402168.88    3781268.78         1.71982                         402188.88
3781268.78         1.76861
         402208.88    3781268.78         1.81595                         402228.88
3781268.78         1.86292
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 185
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                         INCLUDING SOURCE(S):   L0000894   , L0000895

, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

        X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402248.88   3781268.78   1.90778   402268.88
3781268.78   1.95195
        402288.88   3781268.78   1.99567   402308.88
3781268.78   2.03850
        402328.88   3781268.78   2.08129   402348.88
3781268.78   2.12255
        402368.88   3781268.78   2.16235   402388.88
3781268.78   2.20119
        402408.88   3781268.78   2.23986   402428.88
3781268.78   2.27842
        402448.88   3781268.78   2.31779   402468.88
3781268.78   2.35831
        402488.88   3781268.78   2.40115   402508.88
3781268.78   2.44464
        401308.88   3781288.78   0.44609   401328.88
3781288.78   0.45715
        401348.88   3781288.78   0.46860   401368.88
3781288.78   0.48081
        401388.88   3781288.78   0.49301   401408.88
3781288.78   0.50570
        401428.88   3781288.78   0.51935   401448.88
3781288.78   0.53389
        401468.88   3781288.78   0.54901   401488.88
3781288.78   0.56454
        401508.88   3781288.78   0.58095   401528.88
3781288.78   0.59806
        401548.88   3781288.78   0.61627   401568.88
3781288.78   0.63469
        401588.88   3781288.78   0.65434   401608.88
3781288.78   0.67489
        401628.88   3781288.78   0.69670   401648.88
3781288.78   0.71959

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      401668.88     3781288.78          0.74347                        401688.88
3781288.78        0.76858
      401708.88     3781288.78          0.79502                        401728.88
3781288.78        0.82280
      401748.88     3781288.78          0.85202                        401768.88
3781288.78        0.88277
      401788.88     3781288.78          0.91516                        401808.88
3781288.78        0.94908
      401828.88     3781288.78          0.98474                        401848.88
3781288.78        1.02212
      401868.88     3781288.78          1.06039                        401888.88
3781288.78        1.10175
      401908.88     3781288.78          1.14437                        401928.88
3781288.78        1.18740
      401948.88     3781288.78          1.23327                        401968.88
3781288.78        1.27994
      401988.88     3781288.78          1.32802                        402008.88
3781288.78        1.37669
      402028.88     3781288.78          1.42925                        402048.88
3781288.78        1.48409
      402068.88     3781288.78          1.54137                        402088.88
3781288.78        1.59659
      402108.88     3781288.78          1.64985                        402128.88
3781288.78        1.70332
      402148.88     3781288.78          1.75702                        402168.88
3781288.78        1.81044
      402188.88     3781288.78          1.86367                        402208.88
3781288.78        1.91512
      402228.88     3781288.78          1.96542                        402248.88
3781288.78        2.01534
      402268.88     3781288.78          2.06149                        402288.88
3781288.78        2.10825
      402308.88     3781288.78          2.15371                        402328.88
3781288.78        2.19817
      402348.88     3781288.78          2.24191                        402368.88
3781288.78        2.28304
      402388.88     3781288.78          2.32202                        402408.88
3781288.78        2.36164
      402428.88     3781288.78          2.39909                        402448.88
3781288.78        2.43819
      402468.88     3781288.78          2.47799                        402488.88
3781288.78        2.51944
      402508.88     3781288.78          2.56192                        401308.88
3781308.78        0.44546
      401328.88     3781308.78          0.45696                        401348.88
3781308.78        0.46857
      401368.88     3781308.78          0.48142                        401388.88
3781308.78        0.49380
```

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
               **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401408.88   3781308.78   0.50664   401428.88
3781308.78   0.52096
        401448.88   3781308.78   0.53572   401468.88
3781308.78   0.55101
        401488.88   3781308.78   0.56687   401508.88
3781308.78   0.58368
        401528.88   3781308.78   0.60126   401548.88
3781308.78   0.62022
        401568.88   3781308.78   0.63934   401588.88
3781308.78   0.65953
        401608.88   3781308.78   0.68112   401628.88
3781308.78   0.70358
        401648.88   3781308.78   0.72725   401668.88
3781308.78   0.75213
        401688.88   3781308.78   0.77837   401708.88
3781308.78   0.80601
        401728.88   3781308.78   0.83515   401748.88
3781308.78   0.86587
        401768.88   3781308.78   0.89842   401788.88
3781308.78   0.93268
        401808.88   3781308.78   0.96880   401828.88
3781308.78   1.00673
        401848.88   3781308.78   1.04630   401868.88

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3781308.78        1.08789
        401888.88    3781308.78        1.13210                    401908.88
3781308.78        1.17791
        401928.88    3781308.78        1.22426                    401948.88
3781308.78        1.27551
        401968.88    3781308.78        1.32475                    401988.88
3781308.78        1.37882
        402008.88    3781308.78        1.43379                    402028.88
3781308.78        1.49073
        402048.88    3781308.78        1.55060                    402068.88
3781308.78        1.61468
        402088.88    3781308.78        1.67709                    402108.88
3781308.78        1.73564
        402128.88    3781308.78        1.79669                    402148.88
3781308.78        1.85770
        402168.88    3781308.78        1.91645                    402188.88
3781308.78        1.97419
        402208.88    3781308.78        2.02940                    402228.88
3781308.78        2.08429
        402248.88    3781308.78        2.13753                    402268.88
3781308.78        2.18983
        402288.88    3781308.78        2.23997                    402308.88
3781308.78        2.28771
        402328.88    3781308.78        2.33470                    402348.88
3781308.78        2.38115
        402368.88    3781308.78        2.42306                    402388.88
3781308.78        2.46356
        402408.88    3781308.78        2.50171                    402428.88
3781308.78        2.53966
        402448.88    3781308.78        2.57854                    402468.88
3781308.78        2.61657
        402488.88    3781308.78        2.65619                    402508.88
3781308.78        2.69942
        401308.88    3781328.78        0.44513                    401328.88
3781328.78        0.45639
        401348.88    3781328.78        0.46804                    401368.88
3781328.78        0.48144
        401388.88    3781328.78        0.49405                    401408.88
3781328.78        0.50711
        401428.88    3781328.78        0.52187                    401448.88
3781328.78        0.53692
        401468.88    3781328.78        0.55276                    401488.88
3781328.78        0.56917
        401508.88    3781328.78        0.58615                    401528.88
3781328.78        0.60447
        401548.88    3781328.78        0.62398                    401568.88
3781328.78        0.64360
        401588.88    3781328.78        0.66447                    401608.88
3781328.78        0.68667
        401628.88    3781328.78        0.71007                    401648.88
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3781328.78        0.73458
          401668.88    3781328.78        0.76072                         401688.88
3781328.78        0.78809
          401708.88    3781328.78        0.81711                         401728.88
3781328.78        0.84773
          401748.88    3781328.78        0.88004                         401768.88
3781328.78        0.91450
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 187
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                         INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
             L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
             L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
             L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                         ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
          401788.88   3781328.78   0.95081   401808.88
3781328.78   0.98921
          401828.88   3781328.78   1.03025   401848.88
3781328.78   1.07209
          401868.88   3781328.78   1.11703   401888.88
3781328.78   1.16493
          401908.88   3781328.78   1.21403   401928.88
3781328.78   1.26711
          401948.88   3781328.78   1.32413   401968.88
3781328.78   1.37969
          401988.88   3781328.78   1.43746   402008.88
3781328.78   1.49917
          402028.88   3781328.78   1.56164   402048.88
3781328.78   1.62608
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402068.88	3781328.78	1.69767	402088.88
3781328.78	1.76876		
402108.88	3781328.78	1.83401	402128.88
3781328.78	1.90559		
402148.88	3781328.78	1.96870	402168.88
3781328.78	2.03581		
402188.88	3781328.78	2.10007	402208.88
3781328.78	2.16212		
402228.88	3781328.78	2.22303	402248.88
3781328.78	2.28150		
402268.88	3781328.78	2.33863	402288.88
3781328.78	2.39240		
402308.88	3781328.78	2.44377	402328.88
3781328.78	2.49537		
402348.88	3781328.78	2.54561	402368.88
3781328.78	2.58677		
402388.88	3781328.78	2.62455	402408.88
3781328.78	2.66524		
402428.88	3781328.78	2.70528	402448.88
3781328.78	2.74077		
402468.88	3781328.78	2.77744	402488.88
3781328.78	2.81542		
402508.88	3781328.78	2.86224	401308.88
3781348.78	0.44488		
401328.88	3781348.78	0.45625	401348.88
3781348.78	0.46810		
401368.88	3781348.78	0.48136	401388.88
3781348.78	0.49427		
401408.88	3781348.78	0.50751	401428.88
3781348.78	0.52215		
401448.88	3781348.78	0.53793	401468.88
3781348.78	0.55384		
401488.88	3781348.78	0.57029	401508.88
3781348.78	0.58804		
401528.88	3781348.78	0.60660	401548.88
3781348.78	0.62760		
401568.88	3781348.78	0.64769	401588.88
3781348.78	0.66957		
401608.88	3781348.78	0.69227	401628.88
3781348.78	0.71660		
401648.88	3781348.78	0.74220	401668.88
3781348.78	0.76922		
401688.88	3781348.78	0.79787	401708.88
3781348.78	0.82821		
401728.88	3781348.78	0.86039	401748.88
3781348.78	0.89454		
401768.88	3781348.78	0.93079	401788.88
3781348.78	0.96917		
401808.88	3781348.78	1.01010	401828.88
3781348.78	1.05367		

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       401848.88    3781348.78         1.09961                        401868.88
3781348.78       1.14774
       401888.88    3781348.78         1.19993                        401908.88
3781348.78       1.25382
       401928.88    3781348.78         1.31146                        401948.88
3781348.78       1.37230
       401968.88    3781348.78         1.43526                        401988.88
3781348.78       1.50070
       402008.88    3781348.78         1.56943                        402028.88
3781348.78       1.64152
       402048.88    3781348.78         1.71425                        402068.88
3781348.78       1.79263
       402088.88    3781348.78         1.87303                        402108.88
3781348.78       1.95283
       402128.88    3781348.78         2.02938                        402148.88
3781348.78       2.10465
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                          PAGE 188

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
             L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
             L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
             L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
           **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
       402168.88   3781348.78   2.17872   402188.88
3781348.78   2.25161
       402208.88   3781348.78   2.31838   402228.88
3781348.78   2.38927
       402248.88   3781348.78   2.45580   402268.88
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```
3781348.78        2.51480
        402288.88    3781348.78        2.57524                402308.88
3781348.78        2.62857
        402328.88    3781348.78        2.68238                402348.88
3781348.78        2.73246
        402368.88    3781348.78        2.77659                402388.88
3781348.78        2.81537
        402408.88    3781348.78        2.85556                402428.88
3781348.78        2.89721
        402448.88    3781348.78        2.93186                402468.88
3781348.78        2.96738
        402488.88    3781348.78        3.00400                402508.88
3781348.78        3.05536
        401308.88    3781368.78        0.44419                401328.88
3781368.78        0.45575
        401348.88    3781368.78        0.46770                401368.88
3781368.78        0.48110
        401388.88    3781368.78        0.49458                401408.88
3781368.78        0.50806
        401428.88    3781368.78        0.52286                401448.88
3781368.78        0.53862
        401468.88    3781368.78        0.55517                401488.88
3781368.78        0.57181
        401508.88    3781368.78        0.59013                401528.88
3781368.78        0.60916
        401548.88    3781368.78        0.63094                401568.88
3781368.78        0.65168
        401588.88    3781368.78        0.67405                401608.88
3781368.78        0.69783
        401628.88    3781368.78        0.72289                401648.88
3781368.78        0.74946
        401668.88    3781368.78        0.77760                401688.88
3781368.78        0.80750
        401708.88    3781368.78        0.83924                401728.88
3781368.78        0.87305
        401748.88    3781368.78        0.90910                401768.88
3781368.78        0.94746
        401788.88    3781368.78        0.98836                401808.88
3781368.78        1.03202
        401828.88    3781368.78        1.07836                401848.88
3781368.78        1.12781
        401868.88    3781368.78        1.18010                401888.88
3781368.78        1.23648
        401908.88    3781368.78        1.29564                401928.88
3781368.78        1.35926
        401948.88    3781368.78        1.42654                401968.88
3781368.78        1.49819
        401988.88    3781368.78        1.56851                402008.88
3781368.78        1.64821
        402028.88    3781368.78        1.72838                402048.88
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3781368.78        1.81001
         402068.88    3781368.78        1.89937                        402088.88
3781368.78        1.99197
         402108.88    3781368.78        2.08608                        402128.88
3781368.78        2.17595
         402148.88    3781368.78        2.26368                        402168.88
3781368.78        2.34909
         402188.88    3781368.78        2.42280                        402208.88
3781368.78        2.50125
         402228.88    3781368.78        2.57595                        402248.88
3781368.78        2.65359
         402268.88    3781368.78        2.72376                        402288.88
3781368.78        2.78851
         402308.88    3781368.78        2.84904                        402328.88
3781368.78        2.90563
         402348.88    3781368.78        2.96174                        402368.88
3781368.78        3.00174
         402388.88    3781368.78        3.04463                        402408.88
3781368.78        3.08572
         402428.88    3781368.78        3.12678                        402448.88
3781368.78        3.16511
         402468.88    3781368.78        3.18919                        402488.88
3781368.78        3.23277
         402508.88    3781368.78        3.28096                        401308.88
3781388.78        0.44309
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

PAGE 189
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                            INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                        ** CONC OF PM_10   IN MICROGRAMS/M**3
           **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401328.88	3781388.78	0.45485	401348.88	3781388.78	0.46714
401368.88	3781388.78	0.48064	401388.88	3781388.78	0.49434
401408.88	3781388.78	0.50807	401428.88	3781388.78	0.52321
401448.88	3781388.78	0.53926	401468.88	3781388.78	0.55588
401488.88	3781388.78	0.57294	401508.88	3781388.78	0.59152
401528.88	3781388.78	0.61132	401548.88	3781388.78	0.63345
401568.88	3781388.78	0.65467	401588.88	3781388.78	0.67820
401608.88	3781388.78	0.70296	401628.88	3781388.78	0.72892
401648.88	3781388.78	0.75652	401668.88	3781388.78	0.78559
401688.88	3781388.78	0.81682	401708.88	3781388.78	0.85010
401728.88	3781388.78	0.88565	401748.88	3781388.78	0.92352
401768.88	3781388.78	0.96425	401788.88	3781388.78	1.00777
401808.88	3781388.78	1.05422	401828.88	3781388.78	1.10406
401848.88	3781388.78	1.15747	401868.88	3781388.78	1.21369
401888.88	3781388.78	1.27670	401908.88	3781388.78	1.34169
401928.88	3781388.78	1.41012	401948.88	3781388.78	1.48684
401968.88	3781388.78	1.56485	401988.88	3781388.78	1.64812
402008.88	3781388.78	1.73481	402028.88	3781388.78	1.82863
402048.88	3781388.78	1.92505	402068.88	3781388.78	2.03045
402088.88	3781388.78	2.13480	402108.88	3781388.78	2.24380
402128.88	3781388.78	2.35106	402148.88	3781388.78	2.45349
402168.88	3781388.78	2.54707	402188.88	3781388.78	2.64061
402208.88	3781388.78	2.72385	402228.88	3781388.78	2.81742

```
         402248.88    3781388.78         2.90164                      402268.88
3781388.78        2.97483
         402288.88    3781388.78         3.05107                      402308.88
3781388.78        3.11468
         402328.88    3781388.78         3.17844                      402348.88
3781388.78        3.23345
         402368.88    3781388.78         3.27532                      402388.88
3781388.78        3.32181
         402408.88    3781388.78         3.36650                      402428.88
3781388.78        3.41095
         402448.88    3781388.78         3.45341                      402468.88
3781388.78        3.46273
         402488.88    3781388.78         3.51606                      402508.88
3781388.78        3.56771
         401308.88    3781408.78         0.44081                      401328.88
3781408.78        0.45272
         401348.88    3781408.78         0.46556                      401368.88
3781408.78        0.47990
         401388.88    3781408.78         0.49365                      401408.88
3781408.78        0.50732
         401428.88    3781408.78         0.52288                      401448.88
3781408.78        0.53934
         401468.88    3781408.78         0.55651                      401488.88
3781408.78        0.57393
         401508.88    3781408.78         0.59328                      401528.88
3781408.78        0.61322
         401548.88    3781408.78         0.63580                      401568.88
3781408.78        0.65758
         401588.88    3781408.78         0.68072                      401608.88
3781408.78        0.70734
         401628.88    3781408.78         0.73445                      401648.88
3781408.78        0.76312
         401668.88    3781408.78         0.79343                      401688.88
3781408.78        0.82593
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,

L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

        X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
 -
         401708.88   3781408.78   0.86066   401728.88
3781408.78   0.89792
         401748.88   3781408.78   0.93782   401768.88
3781408.78   0.98068
         401788.88   3781408.78   1.02694   401808.88
3781408.78   1.07653
         401828.88   3781408.78   1.13014   401848.88
3781408.78   1.18768
         401868.88   3781408.78   1.24915   401888.88
3781408.78   1.31690
         401908.88   3781408.78   1.38975   401928.88
3781408.78   1.46688
         401948.88   3781408.78   1.55081   401968.88
3781408.78   1.64121
         401988.88   3781408.78   1.73728   402008.88
3781408.78   1.83672
         402028.88   3781408.78   1.94460   402048.88
3781408.78   2.05715
         402068.88   3781408.78   2.17469   402088.88
3781408.78   2.29764
         402108.88   3781408.78   2.42866   402128.88
3781408.78   2.55719
         402148.88   3781408.78   2.67712   402168.88
3781408.78   2.78647
         402188.88   3781408.78   2.89640   402208.88
3781408.78   2.99591
         402228.88   3781408.78   3.10112   402248.88
3781408.78   3.19712
         402268.88   3781408.78   3.29385   402288.88
3781408.78   3.37381
         402308.88   3781408.78   3.44151   402328.88
3781408.78   3.50711
         402348.88   3781408.78   3.56475   402368.88
3781408.78   3.60560
         402388.88   3781408.78   3.65644   402408.88
3781408.78   3.70569
         402428.88   3781408.78   3.75295   402448.88

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3781408.78         3.78646
          402468.88     3781408.78          3.80002                          402488.88
3781408.78         3.85683
          402508.88     3781408.78          3.90338                          401308.88
3781428.78         0.43738
          401328.88     3781428.78          0.44946                          401348.88
3781428.78         0.46244
          401368.88     3781428.78          0.47847                          401388.88
3781428.78         0.49186
          401408.88     3781428.78          0.50550                          401428.88
3781428.78         0.52101
          401448.88     3781428.78          0.53876                          401468.88
3781428.78         0.55633
          401488.88     3781428.78          0.57433                          401508.88
3781428.78         0.59450
          401528.88     3781428.78          0.61481                          401548.88
3781428.78         0.63782
          401568.88     3781428.78          0.66014                          401588.88
3781428.78         0.68387
          401608.88     3781428.78          0.71064                          401628.88
3781428.78         0.73852
          401648.88     3781428.78          0.76798                          401668.88
3781428.78         0.79959
          401688.88     3781428.78          0.83423                          401708.88
3781428.78         0.87082
          401728.88     3781428.78          0.90974                          401748.88
3781428.78         0.95179
          401768.88     3781428.78          0.99719                          401788.88
3781428.78         1.04612
          401808.88     3781428.78          1.09903                          401828.88
3781428.78         1.15661
          401848.88     3781428.78          1.21891                          401868.88
3781428.78         1.28604
          401888.88     3781428.78          1.36062                          401908.88
3781428.78         1.44151
          401928.88     3781428.78          1.53136                          401948.88
3781428.78         1.62907
          401968.88     3781428.78          1.72921                          401988.88
3781428.78         1.83891
          402008.88     3781428.78          1.95064                          402028.88
3781428.78         2.07603
          402048.88     3781428.78          2.20966                          402068.88
3781428.78         2.34482
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

                        PAGE 191
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK      ***
                              INCLUDING SOURCE(S):      L0000894    , L0000895
, L0000896   , L0000897    , L0000898    ,
              L0000899   , L0000900    , L0000901    , L0000902    , L0000903
, L0000904   , L0000905    , L0000906    ,
              L0000907   , L0000908    , L0000909    , L0000910    , L0000911
, L0000912   , L0000913    , L0000914    ,
              L0000915   , L0000916    , L0000917    , L0000918    , L0000919
, L0000920   , L0000921    ,  . . .      ,


                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
            **


      X-COORD (M)   Y-COORD (M)      CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
        402088.88    3781428.78      2.49200                      402108.88
3781428.78       2.64953
        402128.88    3781428.78      2.80085                      402148.88
3781428.78       2.95156
        402168.88    3781428.78      3.08464                      402188.88
3781428.78       3.20671
        402208.88    3781428.78      3.33129                      402228.88
3781428.78       3.45074
        402248.88    3781428.78      3.56371                      402268.88
3781428.78       3.67478
        402288.88    3781428.78      3.76976                      402308.88
3781428.78       3.85038
        402328.88    3781428.78      3.92890                      402348.88
3781428.78       3.98505
        402368.88    3781428.78      4.02812                      402388.88
3781428.78       4.09025
        402408.88    3781428.78      4.14603                      402428.88
3781428.78       4.19921
        402448.88    3781428.78      4.23164                      402468.88
3781428.78       4.22201
        402488.88    3781428.78      4.26028                      402508.88
3781428.78       4.30262
        401308.88    3781448.78      0.43186                      401328.88
3781448.78       0.44472
        401348.88    3781448.78      0.45739                      401368.88
3781448.78       0.47514
        401388.88    3781448.78      0.48857                      401408.88
3781448.78       0.50179
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401428.88	3781448.78	0.51850	401448.88	3781448.78	0.53685
401468.88	3781448.78	0.55579	401488.88	3781448.78	0.57311
401508.88	3781448.78	0.59483	401528.88	3781448.78	0.61565
401548.88	3781448.78	0.63929	401568.88	3781448.78	0.66211
401588.88	3781448.78	0.68651	401608.88	3781448.78	0.71430
401628.88	3781448.78	0.74250	401648.88	3781448.78	0.77328
401668.88	3781448.78	0.80597	401688.88	3781448.78	0.84124
401708.88	3781448.78	0.87948	401728.88	3781448.78	0.92053
401748.88	3781448.78	0.96480	401768.88	3781448.78	1.01304
401788.88	3781448.78	1.06503	401808.88	3781448.78	1.12133
401828.88	3781448.78	1.18282	401848.88	3781448.78	1.25070
401868.88	3781448.78	1.32406	401888.88	3781448.78	1.40597
401908.88	3781448.78	1.49522	401928.88	3781448.78	1.59509
401948.88	3781448.78	1.69994	401968.88	3781448.78	1.81850
401988.88	3781448.78	1.94299	402008.88	3781448.78	2.08046
402028.88	3781448.78	2.23384	402048.88	3781448.78	2.39365
402068.88	3781448.78	2.56189	402088.88	3781448.78	2.73835
402108.88	3781448.78	2.92409	402128.88	3781448.78	3.11592
402148.88	3781448.78	3.30219	402168.88	3781448.78	3.45985
402188.88	3781448.78	3.61322	402208.88	3781448.78	3.75404
402228.88	3781448.78	3.90442	402248.88	3781448.78	4.03843
402268.88	3781448.78	4.16876	402288.88	3781448.78	4.28750
402308.88	3781448.78	4.37481	402328.88	3781448.78	4.46234
402348.88	3781448.78	4.50359	402368.88	3781448.78	4.57394
402388.88	3781448.78	4.64010	402408.88	3781448.78	4.70331

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          402428.88    3781448.78         4.73271                         402448.88
3781448.78        4.76351
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                            PAGE 192
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
          402468.88   3781448.78   4.75850   402488.88
3781448.78   4.81806
          402508.88   3781448.78   4.86137   401308.88
3781468.78   0.42681
          401328.88   3781468.78   0.43939   401348.88
3781468.78   0.45225
          401368.88   3781468.78   0.46951   401388.88
3781468.78   0.48381
          401408.88   3781468.78   0.49705   401428.88
3781468.78   0.51357
          401448.88   3781468.78   0.53316   401468.88
3781468.78   0.55275
          401488.88   3781468.78   0.57097   401508.88
3781468.78   0.59442
          401528.88   3781468.78   0.61575   401548.88
3781468.78   0.64015
          401568.88   3781468.78   0.66340   401588.88
3781468.78   0.68839
          401608.88   3781468.78   0.71733   401628.88
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```
3781468.78          0.74613
        401648.88     3781468.78          0.77715                    401668.88
3781468.78          0.81122
        401688.88     3781468.78          0.84847                    401708.88
3781468.78          0.88783
        401728.88     3781468.78          0.93050                    401748.88
3781468.78          0.97680
        401768.88     3781468.78          1.02738                    401788.88
3781468.78          1.08260
        401808.88     3781468.78          1.14305                    401828.88
3781468.78          1.20962
        401848.88     3781468.78          1.28281                    401868.88
3781468.78          1.36272
        401888.88     3781468.78          1.45270                    401908.88
3781468.78          1.55174
        401928.88     3781468.78          1.65768                    401948.88
3781468.78          1.77973
        401968.88     3781468.78          1.91651                    401988.88
3781468.78          2.06450
        402008.88     3781468.78          2.22772                    402028.88
3781468.78          2.41061
        402048.88     3781468.78          2.60688                    402068.88
3781468.78          2.81345
        402088.88     3781468.78          3.03859                    402108.88
3781468.78          3.27306
        402128.88     3781468.78          3.51173                    402148.88
3781468.78          3.73467
        402168.88     3781468.78          3.94993                    402188.88
3781468.78          4.14030
        402208.88     3781468.78          4.30268                    402228.88
3781468.78          4.49291
        402248.88     3781468.78          4.65376                    402268.88
3781468.78          4.80458
        402288.88     3781468.78          4.95162                    402308.88
3781468.78          5.07050
        402328.88     3781468.78          5.17021                    402348.88
3781468.78          5.22326
        402368.88     3781468.78          5.30022                    402388.88
3781468.78          5.38430
        402408.88     3781468.78          5.44819                    402428.88
3781468.78          5.47119
        402448.88     3781468.78          5.46329                    402468.88
3781468.78          5.44122
        402488.88     3781468.78          5.49233                    402508.88
3781468.78          5.52777
        401308.88     3781488.78          0.41982                    401328.88
3781488.78          0.43305
        401348.88     3781488.78          0.44579                    401368.88
3781488.78          0.46321
        401388.88     3781488.78          0.47691                    401408.88
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```
3781488.78        0.49062
        401428.88    3781488.78        0.50759                        401448.88
3781488.78        0.52695
        401468.88    3781488.78        0.54755                        401488.88
3781488.78        0.56596
        401508.88    3781488.78        0.59141                        401528.88
3781488.78        0.61343
        401548.88    3781488.78        0.64040                        401568.88
3781488.78        0.66422
        401588.88    3781488.78        0.69027                        401608.88
3781488.78        0.71959
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 193

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
            L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
            L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
            L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401628.88   3781488.78   0.74953   401648.88
3781488.78   0.78168
        401668.88   3781488.78   0.81673   401688.88
3781488.78   0.85442
        401708.88   3781488.78   0.89527   401728.88
3781488.78   0.93977
        401748.88   3781488.78   0.98814   401768.88
3781488.78   1.04102
        401788.88   3781488.78   1.09924   401808.88
3781488.78   1.16335
```

| | | | | |
|---|---|---|---|---|
| 401828.88 | 3781488.78 | 1.23433 | 401848.88 | |
| 3781488.78 | 1.31288 | | | |
| 401868.88 | 3781488.78 | 1.40051 | 401888.88 | |
| 3781488.78 | 1.49987 | | | |
| 401908.88 | 3781488.78 | 1.60977 | 401928.88 | |
| 3781488.78 | 1.73172 | | | |
| 401948.88 | 3781488.78 | 1.87043 | 401968.88 | |
| 3781488.78 | 2.02752 | | | |
| 401988.88 | 3781488.78 | 2.20795 | 402008.88 | |
| 3781488.78 | 2.39717 | | | |
| 402028.88 | 3781488.78 | 2.61888 | 402048.88 | |
| 3781488.78 | 2.86275 | | | |
| 402068.88 | 3781488.78 | 3.12595 | 402088.88 | |
| 3781488.78 | 3.40833 | | | |
| 402108.88 | 3781488.78 | 3.71899 | 402128.88 | |
| 3781488.78 | 4.01097 | | | |
| 402148.88 | 3781488.78 | 4.37708 | 402168.88 | |
| 3781488.78 | 4.66293 | | | |
| 402188.88 | 3781488.78 | 4.91392 | 402208.88 | |
| 3781488.78 | 5.04025 | | | |
| 402228.88 | 3781488.78 | 5.25740 | 402248.88 | |
| 3781488.78 | 5.47616 | | | |
| 402268.88 | 3781488.78 | 5.68613 | 402288.88 | |
| 3781488.78 | 5.91448 | | | |
| 402308.88 | 3781488.78 | 6.03046 | 402328.88 | |
| 3781488.78 | 6.15190 | | | |
| 402348.88 | 3781488.78 | 6.23307 | 402368.88 | |
| 3781488.78 | 6.34393 | | | |
| 402388.88 | 3781488.78 | 6.46736 | 402408.88 | |
| 3781488.78 | 6.52042 | | | |
| 402428.88 | 3781488.78 | 6.49508 | 402448.88 | |
| 3781488.78 | 6.50962 | | | |
| 402468.88 | 3781488.78 | 6.49181 | 402488.88 | |
| 3781488.78 | 6.44113 | | | |
| 402508.88 | 3781488.78 | 6.58657 | 401308.88 | |
| 3781508.78 | 0.41492 | | | |
| 401328.88 | 3781508.78 | 0.42774 | 401348.88 | |
| 3781508.78 | 0.44011 | | | |
| 401368.88 | 3781508.78 | 0.45624 | 401388.88 | |
| 3781508.78 | 0.47055 | | | |
| 401408.88 | 3781508.78 | 0.48431 | 401428.88 | |
| 3781508.78 | 0.50009 | | | |
| 401448.88 | 3781508.78 | 0.51924 | 401468.88 | |
| 3781508.78 | 0.54087 | | | |
| 401488.88 | 3781508.78 | 0.55843 | 401508.88 | |
| 3781508.78 | 0.58356 | | | |
| 401528.88 | 3781508.78 | 0.60523 | 401548.88 | |
| 3781508.78 | 0.63848 | | | |
| 401568.88 | 3781508.78 | 0.66342 | 401588.88 | |
| 3781508.78 | 0.69116 | | | |

```
         401608.88    3781508.78        0.72053                        401628.88
3781508.78        0.75158
         401648.88    3781508.78        0.78461                        401668.88
3781508.78        0.82056
         401688.88    3781508.78        0.85969                        401708.88
3781508.78        0.90157
         401728.88    3781508.78        0.94707                        401748.88
3781508.78        0.99807
         401768.88    3781508.78        1.05333                        401788.88
3781508.78        1.11450
         401808.88    3781508.78        1.18211                        401828.88
3781508.78        1.25721
         401848.88    3781508.78        1.34193                        401868.88
3781508.78        1.43728
         401888.88    3781508.78        1.54515                        401908.88
3781508.78        1.66663
         401928.88    3781508.78        1.79879                        401948.88
3781508.78        1.95617
         401968.88    3781508.78        2.14067                        401988.88
3781508.78        2.34786
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                             PAGE 194
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                             INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402008.88   3781508.78   2.58763   402028.88

```
3781508.78        2.86164
        402048.88    3781508.78        3.16985                402068.88
3781508.78        3.52131
        402088.88    3781508.78        3.89855                402108.88
3781508.78        4.30122
        402128.88    3781508.78        4.71331                402148.88
3781508.78        5.16048
        402168.88    3781508.78        5.52238                402188.88
3781508.78        5.86598
        402208.88    3781508.78        6.05384                402228.88
3781508.78        6.35194
        402248.88    3781508.78        6.63313                402268.88
3781508.78        6.88924
        402288.88    3781508.78        7.17783                402308.88
3781508.78        7.44082
        402328.88    3781508.78        7.56999                402348.88
3781508.78        7.73506
        402368.88    3781508.78        7.90234                402388.88
3781508.78        7.99981
        402408.88    3781508.78        8.05921                402428.88
3781508.78        7.99480
        402448.88    3781508.78        7.93605                402468.88
3781508.78        7.95508
        402488.88    3781508.78        7.90527                402508.88
3781508.78        7.98364
        401308.88    3781528.78        0.40965                401328.88
3781528.78        0.42169
        401348.88    3781528.78        0.43363                401368.88
3781528.78        0.44904
        401388.88    3781528.78        0.46467                401408.88
3781528.78        0.47809
        401428.88    3781528.78        0.49382                401448.88
3781528.78        0.51298
        401468.88    3781528.78        0.53305                401488.88
3781528.78        0.55181
        401508.88    3781528.78        0.57720                401528.88
3781528.78        0.60022
        401548.88    3781528.78        0.63299                401568.88
3781528.78        0.65884
        401588.88    3781528.78        0.68712                401608.88
3781528.78        0.72060
        401628.88    3781528.78        0.75305                401648.88
3781528.78        0.78662
        401668.88    3781528.78        0.82320                401688.88
3781528.78        0.86321
        401708.88    3781528.78        0.90638                401728.88
3781528.78        0.95331
        401748.88    3781528.78        1.00647                401768.88
3781528.78        1.06396
        401788.88    3781528.78        1.12778                401808.88
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```
3781528.78          1.19915
         401828.88     3781528.78          1.27872                    401848.88
3781528.78          1.36901
         401868.88     3781528.78          1.47205                    401888.88
3781528.78          1.58938
         401908.88     3781528.78          1.72275                    401928.88
3781528.78          1.87935
         401948.88     3781528.78          2.06230                    401968.88
3781528.78          2.27343
         401988.88     3781528.78          2.52415                    402008.88
3781528.78          2.80359
         402028.88     3781528.78          3.14646                    402048.88
3781528.78          3.54652
         402068.88     3781528.78          4.01984                    402088.88
3781528.78          4.54862
         402108.88     3781528.78          5.13121                    402128.88
3781528.78          5.72802
         402148.88     3781528.78          6.29374                    402168.88
3781528.78          6.78820
         402188.88     3781528.78          7.24063                    402208.88
3781528.78          7.55741
         402228.88     3781528.78          8.05202                    402248.88
3781528.78          8.50669
         402268.88     3781528.78          8.96315                    402288.88
3781528.78          9.41653
         402308.88     3781528.78          9.71967                    402328.88
3781528.78          9.97216
         402348.88     3781528.78         10.60645                    402368.88
3781528.78         10.47700
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

```
                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

          X-COORD (M)   Y-COORD (M)      CONC                        X-COORD (M)
 Y-COORD (M)       CONC
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - -
          402388.88    3781528.78      10.60632                       402408.88
 3781528.78       10.65135
          402428.88    3781528.78      10.67732                       402448.88
 3781528.78       10.60758
          402468.88    3781528.78      11.08942                       402488.88
 3781528.78       10.94735
          402508.88    3781528.78      10.16934                       401308.88
 3781548.78        0.40299
          401328.88    3781548.78       0.41315                       401348.88
 3781548.78        0.42627
          401368.88    3781548.78       0.44153                       401388.88
 3781548.78        0.45746
          401408.88    3781548.78       0.47085                       401428.88
 3781548.78        0.48626
          401448.88    3781548.78       0.50492                       401468.88
 3781548.78        0.52572
          401488.88    3781548.78       0.54412                       401508.88
 3781548.78        0.57202
          401528.88    3781548.78       0.59310                       401548.88
 3781548.78        0.62514
          401568.88    3781548.78       0.65167                       401588.88
 3781548.78        0.67967
          401608.88    3781548.78       0.70879                       401628.88
 3781548.78        0.74220
          401648.88    3781548.78       0.78187                       401668.88
 3781548.78        0.82194
          401688.88    3781548.78       0.86496                       401708.88
 3781548.78        0.91007
          401728.88    3781548.78       0.95857                       401748.88
 3781548.78        1.01284
          401768.88    3781548.78       1.07200                       401788.88
 3781548.78        1.13848
          401808.88    3781548.78       1.21318                       401828.88
 3781548.78        1.29751
          401848.88    3781548.78       1.39346                       401868.88
 3781548.78        1.50320
          401888.88    3781548.78       1.63010                       401908.88
 3781548.78        1.77606
          401928.88    3781548.78       1.94901                       401948.88
 3781548.78        2.15307
          401968.88    3781548.78       2.39552                       401988.88
 3781548.78        2.68881
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```
        402008.88    3781548.78        3.04307                        402028.88
3781548.78        3.48784
        402048.88    3781548.78        4.02629                        402068.88
3781548.78        4.67379
        402088.88    3781548.78        5.43884                        402108.88
3781548.78        6.35934
        402128.88    3781548.78        7.29286                        402148.88
3781548.78        8.17059
        402168.88    3781548.78        8.94430                        402188.88
3781548.78        9.49975
        402208.88    3781548.78        9.96377                        402228.88
3781548.78        10.67028
        402248.88    3781548.78        11.39252                        402268.88
3781548.78        12.32116
        402288.88    3781548.78        13.36795                        402308.88
3781548.78        13.97000
        402328.88    3781548.78        14.58982                        402348.88
3781548.78        15.86055
        402368.88    3781548.78        15.29845                        402388.88
3781548.78        15.81623
        402408.88    3781548.78        15.78808                        402428.88
3781548.78        15.71245
        402448.88    3781548.78        15.42719                        402468.88
3781548.78        15.67669
        402488.88    3781548.78        15.99081                        402508.88
3781548.78        15.05838
        401308.88    3781568.78        0.39430                        401328.88
3781568.78        0.40254
        401348.88    3781568.78        0.41648                        401368.88
3781568.78        0.43287
        401388.88    3781568.78        0.44749                        401408.88
3781568.78        0.46267
        401428.88    3781568.78        0.47800                        401448.88
3781568.78        0.49674
        401468.88    3781568.78        0.51704                        401488.88
3781568.78        0.53662
        401508.88    3781568.78        0.56390                        401528.88
3781568.78        0.58662
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 196
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                        INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,

L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                    L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                    L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                         ** CONC OF PM_10   IN MICROGRAMS/M**3
           **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401548.88   3781568.78   0.61617   401568.88
3781568.78   0.64199
        401588.88   3781568.78   0.67064   401608.88
3781568.78   0.70088
        401628.88   3781568.78   0.73385   401648.88
3781568.78   0.77899
        401668.88   3781568.78   0.82355   401688.88
3781568.78   0.86526
        401708.88   3781568.78   0.91127   401728.88
3781568.78   0.95893
        401748.88   3781568.78   1.01650   401768.88
3781568.78   1.07711
        401788.88   3781568.78   1.14572   401808.88
3781568.78   1.22338
        401828.88   3781568.78   1.31158   401848.88
3781568.78   1.41257
        401868.88   3781568.78   1.52924   401888.88
3781568.78   1.66530
        401908.88   3781568.78   1.82444   401928.88
3781568.78   2.01271
        401948.88   3781568.78   2.24397   401968.88
3781568.78   2.52444
        401988.88   3781568.78   2.87085   402008.88
3781568.78   3.30115
        402028.88   3781568.78   3.86696   402048.88
3781568.78   4.61672
        402068.88   3781568.78   5.53581   402088.88
3781568.78   6.77658
        402108.88   3781568.78   8.35546   402128.88
3781568.78   10.06467
        402148.88   3781568.78   11.65140   402168.88
3781568.78   12.88070
        402188.88   3781568.78   13.80629   402208.88

```
3781568.78      14.33825
        402228.88    3781568.78       15.48950                402248.88
3781568.78      16.95275
        402268.88    3781568.78       19.50420                402288.88
3781568.78      22.56490
        402308.88    3781568.78       24.71288                402328.88
3781568.78      26.82553
        402348.88    3781568.78       29.05445                402368.88
3781568.78      28.78335
        402388.88    3781568.78       28.74904                402408.88
3781568.78      28.84048
        402428.88    3781568.78       29.40894                402448.88
3781568.78      28.67370
        402468.88    3781568.78       27.87488                402488.88
3781568.78      29.02820
        402508.88    3781568.78       28.87326                401308.88
3781588.78       0.38285
        401328.88    3781588.78        0.39359                401348.88
3781588.78       0.40483
        401368.88    3781588.78        0.42347                401388.88
3781588.78       0.43772
        401408.88    3781588.78        0.44741                401428.88
3781588.78       0.46430
        401448.88    3781588.78        0.48406                401468.88
3781588.78       0.50613
        401488.88    3781588.78        0.52084                401508.88
3781588.78       0.55032
        401528.88    3781588.78        0.57597                401548.88
3781588.78       0.60520
        401568.88    3781588.78        0.63015                401588.88
3781588.78       0.65759
        401608.88    3781588.78        0.69267                401628.88
3781588.78       0.73015
        401648.88    3781588.78        0.76745                401668.88
3781588.78       0.81284
        401688.88    3781588.78        0.85670                401708.88
3781588.78       0.90363
        401728.88    3781588.78        0.95250                401748.88
3781588.78       1.01078
        401768.88    3781588.78        1.07122                401788.88
3781588.78       1.13947
        401808.88    3781588.78        1.21745                401828.88
3781588.78       1.30840
        401848.88    3781588.78        1.41763                401868.88
3781588.78       1.54609
        401888.88    3781588.78        1.68983                401908.88
3781588.78       1.86406
```
⤴ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         401928.88   3781588.78   2.06952   401948.88
3781588.78   2.32403
         401968.88   3781588.78   2.64249   401988.88
3781588.78   3.04747
         402008.88   3781588.78   3.57956   402028.88
3781588.78   4.29369
         402048.88   3781588.78   5.27060   402068.88
3781588.78   6.69858
         402088.88   3781588.78   8.81718   402108.88
3781588.78   11.99814
         402128.88   3781588.78   16.31148   402148.88
3781588.78   20.39887
         402168.88   3781588.78   22.90074   402188.88
3781588.78   24.19943
         402208.88   3781588.78   24.96042   402228.88
3781588.78   27.38066
         402248.88   3781588.78   32.77120   402268.88
3781588.78   42.99289
         402288.88   3781588.78   50.92942   402308.88
3781588.78   49.16473
         402328.88   3781588.78   44.27056   402348.88
3781588.78   48.67236
         402368.88   3781588.78   48.70245   402388.88
3781588.78   43.74031

402408.88	3781588.78	49.77567	402428.88
3781588.78	43.43684		
402448.88	3781588.78	48.33479	402468.88
3781588.78	47.26961		
402488.88	3781588.78	46.54767	402508.88
3781588.78	45.88981		
401308.88	3781608.78	0.37453	401328.88
3781608.78	0.38447		
401348.88	3781608.78	0.39575	401368.88
3781608.78	0.41222		
401388.88	3781608.78	0.42321	401408.88
3781608.78	0.43581		
401428.88	3781608.78	0.45314	401448.88
3781608.78	0.47505		
401468.88	3781608.78	0.49455	401488.88
3781608.78	0.51011		
401508.88	3781608.78	0.53796	401528.88
3781608.78	0.56103		
401548.88	3781608.78	0.59362	401568.88
3781608.78	0.61990		
401588.88	3781608.78	0.64765	401608.88
3781608.78	0.68158		
401628.88	3781608.78	0.71760	401648.88
3781608.78	0.75638		
401668.88	3781608.78	0.80995	401688.88
3781608.78	0.84821		
401708.88	3781608.78	0.89284	401728.88
3781608.78	0.94628		
401748.88	3781608.78	0.99461	401768.88
3781608.78	1.05622		
401788.88	3781608.78	1.12779	401808.88
3781608.78	1.20883		
401828.88	3781608.78	1.30560	401848.88
3781608.78	1.41286		
401868.88	3781608.78	1.54472	401888.88
3781608.78	1.69403		
401908.88	3781608.78	1.87556	401928.88
3781608.78	2.10583		
401948.88	3781608.78	2.38349	401968.88
3781608.78	2.74061		
401988.88	3781608.78	3.20902	402008.88
3781608.78	3.84665		
402028.88	3781608.78	4.74693	402048.88
3781608.78	6.09270		
402068.88	3781608.78	8.24979	402088.88
3781608.78	12.00021		
402108.88	3781608.78	20.02472	402128.88
3781608.78	38.02676		
402148.88	3781608.78	53.80921	402168.88
3781608.78	48.05284		

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        402188.88    3781608.78        42.92233                        402208.88
3781608.78        48.71139
        402228.88    3781608.78        43.74669                        402248.88
3781608.78        56.95106
        402268.88    3781608.78        43.57396                        402288.88
3781608.78        33.20126
```
↥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                                PAGE 198
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402308.88   3781608.78   21.21042   402328.88
3781608.78   19.31869
        402348.88   3781608.78   25.84942   402368.88
3781608.78   25.76569
        402388.88   3781608.78   25.54346   402408.88
3781608.78   25.21787
        402428.88   3781608.78   24.99819   402448.88
3781608.78   25.07815
        402468.88   3781608.78   24.87399   402488.88
3781608.78   24.57661
        402508.88   3781608.78   24.16475   401308.88
3781628.78   0.36635
        401328.88   3781628.78   0.37604   401348.88
3781628.78   0.38667
        401368.88   3781628.78   0.40063   401388.88

```
3781628.78          0.41294
        401408.88    3781628.78          0.42588                          401428.88
3781628.78          0.44281
        401448.88    3781628.78          0.46159                          401468.88
3781628.78          0.48258
        401488.88    3781628.78          0.49900                          401508.88
3781628.78          0.52884
        401528.88    3781628.78          0.54908                          401548.88
3781628.78          0.58219
        401568.88    3781628.78          0.60762                          401588.88
3781628.78          0.63340
        401608.88    3781628.78          0.66175                          401628.88
3781628.78          0.70354
        401648.88    3781628.78          0.74018                          401668.88
3781628.78          0.78330
        401688.88    3781628.78          0.82977                          401708.88
3781628.78          0.87181
        401728.88    3781628.78          0.92216                          401748.88
3781628.78          0.97400
        401768.88    3781628.78          1.03429                          401788.88
3781628.78          1.10182
        402128.88    3781628.78          53.51061                         402148.88
3781628.78          34.01139
        402168.88    3781628.78          29.29222                         402188.88
3781628.78          28.46274
        402208.88    3781628.78          27.98290                         402228.88
3781628.78          26.30321
        402248.88    3781628.78          23.16955                         402268.88
3781628.78          20.04623
        402288.88    3781628.78          13.39232                         402308.88
3781628.78          10.69885
        402328.88    3781628.78          11.00581                         402348.88
3781628.78          15.25220
        402368.88    3781628.78          15.30915                         402388.88
3781628.78          13.16787
        402408.88    3781628.78          12.80182                         402428.88
3781628.78          14.69347
        402448.88    3781628.78          14.88759                         402468.88
3781628.78          14.87359
        402488.88    3781628.78          14.88910                         402508.88
3781628.78          14.76143
        401308.88    3781648.78          0.35693                          401328.88
3781648.78          0.36757
        401348.88    3781648.78          0.37796                          401368.88
3781648.78          0.38926
        401388.88    3781648.78          0.40300                          401408.88
3781648.78          0.41721
        401428.88    3781648.78          0.43307                          401448.88
3781648.78          0.44972
        401468.88    3781648.78          0.46933                          401488.88
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3781648.78        0.49064
        401508.88    3781648.78        0.51534                        401528.88
3781648.78        0.54187
        401548.88    3781648.78        0.56991                        401568.88
3781648.78        0.59657
        401588.88    3781648.78        0.62854                        401608.88
3781648.78        0.65611
        401628.88    3781648.78        0.69799                        401648.88
3781648.78        0.73108
        401668.88    3781648.78        0.76845                        401688.88
3781648.78        0.81237
        401708.88    3781648.78        0.85374                        401728.88
3781648.78        0.90331
        401748.88    3781648.78        0.95206                        401768.88
3781648.78        1.01290
```

                              PAGE 199
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401788.88   3781648.78   1.07709   402108.88
3781648.78   44.35974
        402128.88   3781648.78   29.89659   402148.88
3781648.78   19.54525
        402168.88   3781648.78   16.61875   402188.88
3781648.78   15.83488
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402208.88    3781648.78      15.25940                402228.88
3781648.78      14.62232
402248.88    3781648.78      13.76708                402268.88
3781648.78       9.26640
402288.88    3781648.78       7.82025                402308.88
3781648.78       7.76300
402328.88    3781648.78       9.37422                402348.88
3781648.78      10.88672
402368.88    3781648.78      10.92321                402388.88
3781648.78       9.00173
402408.88    3781648.78       8.58893                402428.88
3781648.78       9.98573
402448.88    3781648.78      10.12678                402468.88
3781648.78      10.40880
402488.88    3781648.78      10.57024                402508.88
3781648.78      10.70628
401308.88    3781668.78       0.34789                401328.88
3781668.78       0.35730
401348.88    3781668.78       0.36721                401368.88
3781668.78       0.37782
401388.88    3781668.78       0.39076                401408.88
3781668.78       0.40569
401428.88    3781668.78       0.42051                401448.88
3781668.78       0.43655
401468.88    3781668.78       0.45709                401488.88
3781668.78       0.47812
401508.88    3781668.78       0.50200                401528.88
3781668.78       0.52509
401548.88    3781668.78       0.55636                401568.88
3781668.78       0.57796
401588.88    3781668.78       0.60936                401608.88
3781668.78       0.63634
401628.88    3781668.78       0.67889                401648.88
3781668.78       0.71370
401668.88    3781668.78       0.74666                401688.88
3781668.78       0.78822
401708.88    3781668.78       0.82345                401728.88
3781668.78       0.87436
401748.88    3781668.78       0.91655                401768.88
3781668.78       0.97290
401788.88    3781668.78       1.04141                402108.88
3781668.78      40.58774
402128.88    3781668.78      19.33226                402148.88
3781668.78      13.50757
402168.88    3781668.78      11.37478                402188.88
3781668.78      10.18747
402208.88    3781668.78       9.73724                402228.88
3781668.78      10.17917
402248.88    3781668.78       9.36365                402268.88
3781668.78       6.55035
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       402288.88    3781668.78          5.97795                        402308.88
3781668.78        5.81681
       402328.88    3781668.78          7.16869                        402348.88
3781668.78        7.96009
       402368.88    3781668.78          8.22175                        402388.88
3781668.78        7.75654
       402408.88    3781668.78          6.94198                        402428.88
3781668.78        7.62591
       402448.88    3781668.78          7.77610                        402468.88
3781668.78        7.93541
       402488.88    3781668.78          7.96965                        402508.88
3781668.78        8.10632
       401308.88    3781688.78          0.34178                        401328.88
3781688.78        0.35055
       401348.88    3781688.78          0.36045                        401368.88
3781688.78        0.37050
       401388.88    3781688.78          0.38299                        401408.88
3781688.78        0.39790
       401428.88    3781688.78          0.41436                        401448.88
3781688.78        0.43040
       401468.88    3781688.78          0.44940                        401488.88
3781688.78        0.46989
       401508.88    3781688.78          0.49357                        401528.88
3781688.78        0.51599
```
↥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

                              PAGE 200
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)

```
Y-COORD (M)         CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        401548.88    3781688.78      0.54175              401568.88
3781688.78      0.56848
        401588.88    3781688.78      0.59816              401608.88
3781688.78      0.62717
        401628.88    3781688.78      0.65877              401648.88
3781688.78      0.69067
        401668.88    3781688.78      0.72652              401688.88
3781688.78      0.76349
        401708.88    3781688.78      0.80035              401728.88
3781688.78      0.84109
        401748.88    3781688.78      0.87578              401768.88
3781688.78      0.93032
        401788.88    3781688.78      0.99879              402088.88
3781688.78      35.57590
        402108.88    3781688.78      22.87948             402128.88
3781688.78      13.28270
        402148.88    3781688.78      9.91293              402168.88
3781688.78      8.47821
        402188.88    3781688.78      7.72397              402208.88
3781688.78      7.53965
        402228.88    3781688.78      7.01388              402248.88
3781688.78      6.13668
        402268.88    3781688.78      5.88186              402288.88
3781688.78      4.58308
        402308.88    3781688.78      4.62651              402328.88
3781688.78      5.12481
        402348.88    3781688.78      5.84940              402368.88
3781688.78      6.52528
        402388.88    3781688.78      6.02259              402408.88
3781688.78      5.90248
        402428.88    3781688.78      6.07349              402448.88
3781688.78      6.20069
        402468.88    3781688.78      6.28963              402488.88
3781688.78      6.32753
        402508.88    3781688.78      6.32853              401308.88
3781708.78      0.32435
        401328.88    3781708.78      0.33135              401348.88
3781708.78      0.34123
        401368.88    3781708.78      0.35129              401388.88
3781708.78      0.36441
        401408.88    3781708.78      0.37831              401428.88
3781708.78      0.39260
        401448.88    3781708.78      0.40930              401468.88
3781708.78      0.42633
        401488.88    3781708.78      0.44610              401508.88
3781708.78      0.46729
        401528.88    3781708.78      0.49708              401548.88
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3781708.78        0.52826
         401568.88    3781708.78        0.55483                        401588.88
3781708.78        0.58338
         401608.88    3781708.78        0.60855                        401628.88
3781708.78        0.63386
         401648.88    3781708.78        0.66239                        401668.88
3781708.78        0.68799
         401688.88    3781708.78        0.73196                        401708.88
3781708.78        0.75696
         401728.88    3781708.78        0.80245                        401748.88
3781708.78        0.83123
         401768.88    3781708.78        0.87533                        401788.88
3781708.78        0.94599
         402088.88    3781708.78       18.98112                        402108.88
3781708.78       12.51124
         402128.88    3781708.78        8.73446                        402148.88
3781708.78        6.96692
         402168.88    3781708.78        6.06304                        402188.88
3781708.78        5.68317
         402208.88    3781708.78        5.86382                        402228.88
3781708.78        5.21320
         402248.88    3781708.78        4.17811                        402268.88
3781708.78        5.04298
         402288.88    3781708.78        3.76112                        402308.88
3781708.78        3.62757
         402328.88    3781708.78        3.81273                        402348.88
3781708.78        4.90506
         402368.88    3781708.78        5.27410                        402388.88
3781708.78        4.71758
         402408.88    3781708.78        4.97685                        402428.88
3781708.78        4.92166
         402448.88    3781708.78        4.92455                        402468.88
3781708.78        5.09252
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 201
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919

, L0000920   , L0000921   , . . .   ,

 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

 ** CONC OF PM_10   IN MICROGRAMS/M**3 **

```
       X-COORD (M)   Y-COORD (M)      CONC                      X-COORD (M)
Y-COORD (M)      CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
         402488.88    3781708.78     5.15440                    402508.88
3781708.78      5.06534
         401308.88    3781728.78     0.31817                    401328.88
3781728.78      0.32631
         401348.88    3781728.78     0.33678                    401368.88
3781728.78      0.34723
         401388.88    3781728.78     0.35881                    401408.88
3781728.78      0.37237
         401428.88    3781728.78     0.38674                    401448.88
3781728.78      0.40240
         401468.88    3781728.78     0.41937                    401488.88
3781728.78      0.43717
         401508.88    3781728.78     0.45895                    401528.88
3781728.78      0.48824
         401548.88    3781728.78     0.51440                    401568.88
3781728.78      0.53792
         401588.88    3781728.78     0.56676                    401608.88
3781728.78      0.58526
         401628.88    3781728.78     0.61152                    401648.88
3781728.78      0.63488
         401668.88    3781728.78     0.66171                    401688.88
3781728.78      0.69170
         401708.88    3781728.78     0.72717                    401728.88
3781728.78      0.76196
         401748.88    3781728.78     0.78942                    401768.88
3781728.78      0.83271
         401788.88    3781728.78     0.89228                    402088.88
3781728.78      6.32216
         402108.88    3781728.78     5.54228                    402128.88
3781728.78      4.66623
         402148.88    3781728.78     4.26768                    402168.88
3781728.78      3.95986
         402188.88    3781728.78     3.80794                    402208.88
3781728.78      3.98816
         402228.88    3781728.78     3.96442                    402248.88
3781728.78      3.56073
         402268.88    3781728.78     3.50464                    402288.88
3781728.78      3.38269
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        402308.88    3781728.78          2.96218                               402328.88
3781728.78       3.41762
        402348.88    3781728.78          3.70140                               402368.88
3781728.78       4.16654
        402388.88    3781728.78          3.96730                               402408.88
3781728.78       4.18697
        402428.88    3781728.78          4.13953                               402448.88
3781728.78       4.11821
        402468.88    3781728.78          4.14265                               402488.88
3781728.78       4.20516
        402508.88    3781728.78          4.16081                               401308.88
3781748.78       0.31087
        401328.88    3781748.78          0.31923                               401348.88
3781748.78       0.32910
        401368.88    3781748.78          0.33919                               401388.88
3781748.78       0.35075
        401408.88    3781748.78          0.36353                               401428.88
3781748.78       0.37673
        401448.88    3781748.78          0.39349                               401468.88
3781748.78       0.40801
        401488.88    3781748.78          0.42545                               401508.88
3781748.78       0.44653
        401528.88    3781748.78          0.47239                               401548.88
3781748.78       0.49930
        401568.88    3781748.78          0.51974                               401588.88
3781748.78       0.54448
        401608.88    3781748.78          0.55966                               401628.88
3781748.78       0.58210
        401648.88    3781748.78          0.60437                               401668.88
3781748.78       0.62680
        401688.88    3781748.78          0.65147                               401708.88
3781748.78       0.68374
        401728.88    3781748.78          0.71309                               401748.88
3781748.78       0.73582
        401768.88    3781748.78          0.77877                               401788.88
3781748.78       0.83145
        402068.88    3781748.78          3.29936                               402088.88
3781748.78       3.39739
        402108.88    3781748.78          3.45252                               402128.88
3781748.78       4.11257
        402148.88    3781748.78          4.07302                               402168.88
3781748.78       3.89799
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 202
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                INCLUDING SOURCE(S):     L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .      ,


                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
            **


      X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)       CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        402188.88   3781748.78        3.65552                     402208.88
3781748.78      3.24795
        402228.88   3781748.78        3.02417                     402248.88
3781748.78      3.01898
        402268.88   3781748.78        2.87673                     402288.88
3781748.78      2.67763
        402308.88   3781748.78        2.43404                     402328.88
3781748.78      2.48187
        402348.88   3781748.78        2.99496                     402368.88
3781748.78      3.14934
        402388.88   3781748.78        3.25358                     402408.88
3781748.78      3.32697
        402428.88   3781748.78        3.37784                     402448.88
3781748.78      3.18750
        402468.88   3781748.78        3.42223                     402488.88
3781748.78      3.38508
        402508.88   3781748.78        3.44028                     401308.88
3781768.78      0.30339
        401328.88   3781768.78        0.31150                     401348.88
3781768.78      0.32098
        401368.88   3781768.78        0.32990                     401388.88
3781768.78      0.34218
        401408.88   3781768.78        0.35338                     401428.88
3781768.78      0.36507
        401448.88   3781768.78        0.38068                     401468.88
3781768.78      0.39446
        401488.88   3781768.78        0.41020                     401508.88
3781768.78      0.43079
        401528.88   3781768.78        0.45930                     401548.88
```

3781768.78	0.48098		
401568.88	3781768.78	0.50270	401588.88
3781768.78	0.52204		
401608.88	3781768.78	0.54018	401628.88
3781768.78	0.56028		
401648.88	3781768.78	0.57961	401668.88
3781768.78	0.60353		
401688.88	3781768.78	0.62535	401708.88
3781768.78	0.64897		
401728.88	3781768.78	0.66997	401748.88
3781768.78	0.69345		
401768.88	3781768.78	0.73265	401788.88
3781768.78	0.77994		
402068.88	3781768.78	2.37159	402088.88
3781768.78	2.35902		
402108.88	3781768.78	3.31704	402128.88
3781768.78	3.88976		
402148.88	3781768.78	3.89963	402168.88
3781768.78	3.79429		
402188.88	3781768.78	3.65879	402208.88
3781768.78	3.15823		
402228.88	3781768.78	2.35117	402248.88
3781768.78	2.41285		
402268.88	3781768.78	2.31842	402288.88
3781768.78	2.19629		
402308.88	3781768.78	2.06185	402328.88
3781768.78	2.00435		
402348.88	3781768.78	2.15017	402368.88
3781768.78	2.35602		
402388.88	3781768.78	2.52674	402408.88
3781768.78	2.56489		
402428.88	3781768.78	2.59132	402448.88
3781768.78	2.76889		
402468.88	3781768.78	2.90258	402488.88
3781768.78	2.90916		
402508.88	3781768.78	2.95889	401308.88
3781788.78	0.28235		
401328.88	3781788.78	0.28938	401348.88
3781788.78	0.29910		
401368.88	3781788.78	0.30983	401388.88
3781788.78	0.32035		
401408.88	3781788.78	0.33294	401428.88
3781788.78	0.34227		
401448.88	3781788.78	0.35826	401468.88
3781788.78	0.37294		
401488.88	3781788.78	0.38708	401508.88
3781788.78	0.40712		
401528.88	3781788.78	0.43601	401548.88
3781788.78	0.46134		
401568.88	3781788.78	0.48232	401588.88

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3781788.78        0.49674
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 203
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
               **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401608.88   3781788.78   0.51215   401628.88
3781788.78   0.52800
        401648.88   3781788.78   0.54582   401668.88
3781788.78   0.56125
        401688.88   3781788.78   0.56770   401708.88
3781788.78   0.58258
        401728.88   3781788.78   0.60488   401748.88
3781788.78   0.61321
        401768.88   3781788.78   0.67758   401788.88
3781788.78   0.71913
        402068.88   3781788.78   1.81146   402088.88
3781788.78   2.00232
        402108.88   3781788.78   2.42807   402128.88
3781788.78   3.17092
        402148.88   3781788.78   3.25134   402168.88
3781788.78   3.22106
        402188.88   3781788.78   3.17405   402208.88
3781788.78   2.60818
        402228.88   3781788.78   1.81446   402248.88
3781788.78   1.89465
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        402268.88    3781788.78        1.84301                    402288.88
3781788.78        1.74541
        402308.88    3781788.78        1.71646                    402328.88
3781788.78        1.69806
        402348.88    3781788.78        1.71821                    402368.88
3781788.78        2.04782
        402388.88    3781788.78        2.26410                    402408.88
3781788.78        2.29846
        402428.88    3781788.78        2.33588                    402448.88
3781788.78        2.42573
        402468.88    3781788.78        2.49074                    402488.88
3781788.78        2.44059
        402508.88    3781788.78        2.44413                    401308.88
3781808.78        0.27584
        401328.88    3781808.78        0.28187                    401348.88
3781808.78        0.29002
        401368.88    3781808.78        0.29872                    401388.88
3781808.78        0.30749
        401408.88    3781808.78        0.31755                    401428.88
3781808.78        0.32985
        401448.88    3781808.78        0.34416                    401468.88
3781808.78        0.35785
        401488.88    3781808.78        0.37204                    401508.88
3781808.78        0.38964
        401528.88    3781808.78        0.41972                    401548.88
3781808.78        0.44236
        401568.88    3781808.78        0.45639                    401588.88
3781808.78        0.47170
        401608.88    3781808.78        0.48705                    401628.88
3781808.78        0.49624
        401648.88    3781808.78        0.48458                    401668.88
3781808.78        0.48825
        401688.88    3781808.78        0.50349                    401708.88
3781808.78        0.52607
        401728.88    3781808.78        0.54730                    401748.88
3781808.78        0.57255
        401768.88    3781808.78        0.59786                    401788.88
3781808.78        0.65974
        402068.88    3781808.78        1.49200                    402088.88
3781808.78        1.56877
        402108.88    3781808.78        1.93724                    402128.88
3781808.78        2.32178
        402148.88    3781808.78        2.76036                    402168.88
3781808.78        2.76896
        402188.88    3781808.78        2.77719                    402208.88
3781808.78        2.24308
        402228.88    3781808.78        1.57145                    402248.88
3781808.78        1.50997
        402268.88    3781808.78        1.57614                    402288.88
3781808.78        1.48645
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        402308.88    3781808.78          1.46998                          402328.88
3781808.78       1.46808
        402348.88    3781808.78          1.49305                          402368.88
3781808.78       1.83949
        402388.88    3781808.78          2.03394                          402408.88
3781808.78       2.05268
        402428.88    3781808.78          2.05519                          402448.88
3781808.78       2.08008
        402468.88    3781808.78          2.14636                          402488.88
3781808.78       2.07527
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 204
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402508.88   3781808.78   2.07845   401308.88
3781828.78   0.26984
        401328.88   3781828.78   0.27725   401348.88
3781828.78   0.28515
        401368.88   3781828.78   0.29334   401388.88
3781828.78   0.30193
        401408.88   3781828.78   0.31128   401428.88
3781828.78   0.32167
        401448.88   3781828.78   0.33468   401468.88
3781828.78   0.34933
        401488.88   3781828.78   0.36490   401508.88
```

3781828.78	0.38228		
401528.88	3781828.78	0.40290	401548.88
3781828.78	0.42361		
401568.88	3781828.78	0.44102	401588.88
3781828.78	0.45008		
401608.88	3781828.78	0.44195	401628.88
3781828.78	0.44080		
401648.88	3781828.78	0.45642	401668.88
3781828.78	0.47433		
401688.88	3781828.78	0.49323	401708.88
3781828.78	0.51350		
401728.88	3781828.78	0.53016	401748.88
3781828.78	0.55818		
401768.88	3781828.78	0.57087	401788.88
3781828.78	0.60686		
402068.88	3781828.78	1.24323	402088.88
3781828.78	1.30638		
402108.88	3781828.78	1.53140	402128.88
3781828.78	1.74006		
402148.88	3781828.78	2.18697	402168.88
3781828.78	2.34784		
402188.88	3781828.78	2.37995	402208.88
3781828.78	2.03584		
402228.88	3781828.78	1.32247	402248.88
3781828.78	1.30610		
402268.88	3781828.78	1.32000	402288.88
3781828.78	1.29601		
402308.88	3781828.78	1.27307	402328.88
3781828.78	1.26091		
402348.88	3781828.78	1.27143	402368.88
3781828.78	1.43745		
402388.88	3781828.78	1.74302	402408.88
3781828.78	1.80078		
402428.88	3781828.78	1.75107	402448.88
3781828.78	1.76856		
402468.88	3781828.78	1.83098	402488.88
3781828.78	1.78928		
402508.88	3781828.78	1.80466	401308.88
3781848.78	0.26063		
401328.88	3781848.78	0.26716	401348.88
3781848.78	0.27467		
401368.88	3781848.78	0.28249	401388.88
3781848.78	0.29111		
401408.88	3781848.78	0.30013	401428.88
3781848.78	0.31028		
401448.88	3781848.78	0.32206	401468.88
3781848.78	0.33304		
401488.88	3781848.78	0.35067	401508.88
3781848.78	0.36417		
401528.88	3781848.78	0.38341	401548.88

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3781848.78        0.40423
        401568.88    3781848.78        0.40712                401588.88
3781848.78        0.40378
        401608.88    3781848.78        0.41462                401628.88
3781848.78        0.43020
        401648.88    3781848.78        0.44649                401668.88
3781848.78        0.45992
        401688.88    3781848.78        0.47153                401708.88
3781848.78        0.49152
        401728.88    3781848.78        0.51330                401748.88
3781848.78        0.52906
        401768.88    3781848.78        0.54090                401788.88
3781848.78        0.55632
        401908.88    3781848.78        0.72943                401928.88
3781848.78        0.74477
        401948.88    3781848.78        0.75744                401968.88
3781848.78        0.78730
        401988.88    3781848.78        0.82881                402008.88
3781848.78        0.87190
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 205

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402028.88   3781848.78   0.91197   402048.88
3781848.78   0.98727

402068.88	3781848.78	1.03139	402088.88	3781848.78	1.10740
402108.88	3781848.78	1.14715	402128.88	3781848.78	1.39620
402148.88	3781848.78	1.52480	402168.88	3781848.78	1.94436
402188.88	3781848.78	2.03406	402208.88	3781848.78	1.92478
402228.88	3781848.78	1.52823	402248.88	3781848.78	1.20997
402268.88	3781848.78	1.12746	402288.88	3781848.78	1.12760
402308.88	3781848.78	1.10411	402328.88	3781848.78	1.11282
402348.88	3781848.78	1.13097	402368.88	3781848.78	1.32087
402388.88	3781848.78	1.54169	402408.88	3781848.78	1.55795
402428.88	3781848.78	1.51718	402448.88	3781848.78	1.54278
402468.88	3781848.78	1.56550	402488.88	3781848.78	1.55972
402508.88	3781848.78	1.56803	401308.88	3781868.78	0.25261
401328.88	3781868.78	0.25725	401348.88	3781868.78	0.26445
401368.88	3781868.78	0.27212	401388.88	3781868.78	0.28016
401408.88	3781868.78	0.28797	401428.88	3781868.78	0.29475
401448.88	3781868.78	0.30619	401468.88	3781868.78	0.31736
401488.88	3781868.78	0.33575	401508.88	3781868.78	0.35275
401528.88	3781868.78	0.36944	401548.88	3781868.78	0.38629
401568.88	3781868.78	0.38650	401588.88	3781868.78	0.39408
401608.88	3781868.78	0.40676	401628.88	3781868.78	0.41833
401648.88	3781868.78	0.42841	401668.88	3781868.78	0.44121
401688.88	3781868.78	0.45308	401708.88	3781868.78	0.44092
401728.88	3781868.78	0.47333	401748.88	3781868.78	0.47806
401768.88	3781868.78	0.48852	401788.88	3781868.78	0.50584
401888.88	3781868.78	0.65203	401908.88	3781868.78	0.65059

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        401928.88    3781868.78         0.67133                            401948.88
3781868.78       0.68886
        401968.88    3781868.78         0.71671                            401988.88
3781868.78       0.74449
        402008.88    3781868.78         0.79639                            402028.88
3781868.78       0.82256
        402048.88    3781868.78         0.85363                            402068.88
3781868.78       0.92036
        402088.88    3781868.78         0.94529                            402108.88
3781868.78       0.97660
        402128.88    3781868.78         1.21221                            402148.88
3781868.78       1.27267
        402168.88    3781868.78         1.33533                            402188.88
3781868.78       1.43330
        402208.88    3781868.78         1.61436                            402228.88
3781868.78       1.38258
        402248.88    3781868.78         1.15030                            402268.88
3781868.78       0.99639
        402288.88    3781868.78         0.98175                            402308.88
3781868.78       0.97252
        402328.88    3781868.78         0.97233                            402348.88
3781868.78       0.99470
        402368.88    3781868.78         1.21090                            402388.88
3781868.78       1.32723
        402408.88    3781868.78         1.30224                            402428.88
3781868.78       1.29678
        402448.88    3781868.78         1.31783                            402468.88
3781868.78       1.34778
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                          INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402488.88	3781868.78	1.32498	402508.88	3781868.78	1.33120
401308.88	3781888.78	0.23638	401328.88	3781888.78	0.24057
401348.88	3781888.78	0.24577	401368.88	3781888.78	0.25112
401388.88	3781888.78	0.25702	401408.88	3781888.78	0.26454
401428.88	3781888.78	0.27221	401448.88	3781888.78	0.28269
401468.88	3781888.78	0.29295	401488.88	3781888.78	0.31515
401508.88	3781888.78	0.32820	401528.88	3781888.78	0.35111
401548.88	3781888.78	0.36855	401568.88	3781888.78	0.37540
401588.88	3781888.78	0.38520	401608.88	3781888.78	0.39294
401628.88	3781888.78	0.40357	401648.88	3781888.78	0.41330
401668.88	3781888.78	0.40472	401688.88	3781888.78	0.39221
401708.88	3781888.78	0.40092	401728.88	3781888.78	0.42373
401748.88	3781888.78	0.45722	401768.88	3781888.78	0.45206
401788.88	3781888.78	0.46535	401808.88	3781888.78	0.47529
401828.88	3781888.78	0.51281	401848.88	3781888.78	0.54853
401868.88	3781888.78	0.57616	401888.88	3781888.78	0.58868
401908.88	3781888.78	0.59644	401928.88	3781888.78	0.60872
401948.88	3781888.78	0.61709	401968.88	3781888.78	0.61963
401988.88	3781888.78	0.64811	402008.88	3781888.78	0.71019
402028.88	3781888.78	0.73719	402048.88	3781888.78	0.74512
402068.88	3781888.78	0.79061	402088.88	3781888.78	0.82398
402108.88	3781888.78	0.86251	402128.88		

```
3781888.78       0.88471
          402148.88    3781888.78         1.04411                        402168.88
3781888.78       1.14772
          402188.88    3781888.78         1.18821                        402208.88
3781888.78       1.29956
          402228.88    3781888.78         1.32054                        402248.88
3781888.78       1.04051
          402268.88    3781888.78         0.87002                        402288.88
3781888.78       0.86614
          402308.88    3781888.78         0.87193                        402328.88
3781888.78       0.88298
          402348.88    3781888.78         0.94523                        402368.88
3781888.78       1.12479
          402388.88    3781888.78         1.17057                        402408.88
3781888.78       1.13198
          402428.88    3781888.78         1.11440                        402448.88
3781888.78       1.13217
          402468.88    3781888.78         1.17056                        402488.88
3781888.78       1.18244
          402508.88    3781888.78         1.18885                        401308.88
3781908.78       0.23286
          401328.88    3781908.78         0.23780                        401348.88
3781908.78       0.24292
          401368.88    3781908.78         0.24818                        401388.88
3781908.78       0.25363
          401408.88    3781908.78         0.25948                        401428.88
3781908.78       0.26605
          401448.88    3781908.78         0.27510                        401468.88
3781908.78       0.28689
          401488.88    3781908.78         0.30099                        401508.88
3781908.78       0.31918
          401528.88    3781908.78         0.33705                        401548.88
3781908.78       0.34771
          401568.88    3781908.78         0.35547                        401588.88
3781908.78       0.37022
          401608.88    3781908.78         0.37946                        401628.88
3781908.78       0.37518
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 207
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903

, L0000904   , L0000905   , L0000906   ,
               L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
               L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
               **

        X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
          401648.88   3781908.78   0.36138   401668.88
3781908.78   0.36719
          401688.88   3781908.78   0.37953   401708.88
3781908.78   0.39226
          401728.88   3781908.78   0.40512   401748.88
3781908.78   0.42281
          401768.88   3781908.78   0.42445   401788.88
3781908.78   0.43222
          401808.88   3781908.78   0.44508   401828.88
3781908.78   0.47193
          401848.88   3781908.78   0.49036   401868.88
3781908.78   0.52479
          401888.88   3781908.78   0.53597   401908.88
3781908.78   0.54795
          401928.88   3781908.78   0.54799   401948.88
3781908.78   0.55513
          401968.88   3781908.78   0.56458   401988.88
3781908.78   0.58580
          402008.88   3781908.78   0.60758   402028.88
3781908.78   0.63615
          402048.88   3781908.78   0.65950   402068.88
3781908.78   0.69608
          402088.88   3781908.78   0.72722   402108.88
3781908.78   0.75985
          402128.88   3781908.78   0.77510   402148.88
3781908.78   0.86637
          402168.88   3781908.78   1.00760   402188.88
3781908.78   0.99350
          402208.88   3781908.78   1.10249   402228.88
3781908.78   1.13525
          402248.88   3781908.78   1.01852   402268.88
3781908.78   0.79857
          402288.88   3781908.78   0.76850   402308.88
3781908.78   0.78178

```
       402328.88     3781908.78          0.79637                        402348.88
3781908.78      0.83511
       402368.88     3781908.78          0.86093                        402388.88
3781908.78      0.95401
       402408.88     3781908.78          1.01151                        402428.88
3781908.78      1.01465
       402448.88     3781908.78          1.02658                        402468.88
3781908.78      1.02348
       402488.88     3781908.78          1.03396                        402508.88
3781908.78      1.04268
       401308.88     3781928.78          0.22423                        401328.88
3781928.78      0.22945
       401348.88     3781928.78          0.23440                        401368.88
3781928.78      0.24006
       401388.88     3781928.78          0.24514                        401408.88
3781928.78      0.24989
       401428.88     3781928.78          0.25675                        401448.88
3781928.78      0.26291
       401468.88     3781928.78          0.27657                        401488.88
3781928.78      0.28995
       401508.88     3781928.78          0.30865                        401528.88
3781928.78      0.31758
       401548.88     3781928.78          0.33795                        401568.88
3781928.78      0.34364
       401588.88     3781928.78          0.34325                        401608.88
3781928.78      0.33405
       401628.88     3781928.78          0.33771                        401648.88
3781928.78      0.34907
       401668.88     3781928.78          0.36017                        401688.88
3781928.78      0.37249
       401708.88     3781928.78          0.37972                        401728.88
3781928.78      0.38567
       401748.88     3781928.78          0.39106                        401768.88
3781928.78      0.38708
       401788.88     3781928.78          0.39858                        401808.88
3781928.78      0.41772
       401828.88     3781928.78          0.44763                        401848.88
3781928.78      0.46285
       401868.88     3781928.78          0.47939                        401888.88
3781928.78      0.48608
       401908.88     3781928.78          0.49319                        401928.88
3781928.78      0.50200
       401948.88     3781928.78          0.50480                        401968.88
3781928.78      0.50962
       401988.88     3781928.78          0.52101                        402008.88
3781928.78      0.54365
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402028.88   3781928.78   0.56660   402048.88
3781928.78   0.58887
        402068.88   3781928.78   0.62419   402088.88
3781928.78   0.65013
        402108.88   3781928.78   0.67946   402128.88
3781928.78   0.69874
        402148.88   3781928.78   0.73989   402168.88
3781928.78   0.87541
        402188.88   3781928.78   0.91440   402208.88
3781928.78   1.01272
        402228.88   3781928.78   0.92670   402248.88
3781928.78   0.92141
        402268.88   3781928.78   0.73720   402288.88
3781928.78   0.70158
        402308.88   3781928.78   0.71030   402328.88
3781928.78   0.70670
        402348.88   3781928.78   0.71016   402368.88
3781928.78   0.71215
        402388.88   3781928.78   0.77948   402408.88
3781928.78   0.88451
        402428.88   3781928.78   0.88864   402448.88
3781928.78   0.90143
        402468.88   3781928.78   0.90384   402488.88
3781928.78   0.91036
        402508.88   3781928.78   0.91792   401308.88

```
3781948.78          0.22050
        401328.88    3781948.78        0.22560              401348.88
3781948.78          0.23046
        401368.88    3781948.78        0.23555              401388.88
3781948.78          0.24039
        401408.88    3781948.78        0.24515              401428.88
3781948.78          0.25111
        401448.88    3781948.78        0.25555              401468.88
3781948.78          0.26262
        401488.88    3781948.78        0.27288              401508.88
3781948.78          0.29487
        401528.88    3781948.78        0.31402              401548.88
3781948.78          0.30823
        401568.88    3781948.78        0.29888              401588.88
3781948.78          0.31131
        401608.88    3781948.78        0.31969              401628.88
3781948.78          0.33143
        401648.88    3781948.78        0.34293              401668.88
3781948.78          0.35032
        401688.88    3781948.78        0.35441              401708.88
3781948.78          0.36040
        401728.88    3781948.78        0.37003              401748.88
3781948.78          0.36318
        401768.88    3781948.78        0.36413              401788.88
3781948.78          0.37149
        401808.88    3781948.78        0.39799              401828.88
3781948.78          0.42544
        401848.88    3781948.78        0.43818              401868.88
3781948.78          0.44225
        401888.88    3781948.78        0.44810              401908.88
3781948.78          0.45237
        401928.88    3781948.78        0.45776              401948.88
3781948.78          0.46036
        401968.88    3781948.78        0.46038              401988.88
3781948.78          0.46796
        402008.88    3781948.78        0.48978              402028.88
3781948.78          0.51274
        402048.88    3781948.78        0.52996              402068.88
3781948.78          0.56402
        402088.88    3781948.78        0.58563              402108.88
3781948.78          0.61312
        402128.88    3781948.78        0.62598              402148.88
3781948.78          0.63756
        402168.88    3781948.78        0.78349              402188.88
3781948.78          0.84403
        402208.88    3781948.78        0.85639              402228.88
3781948.78          0.82901
        402248.88    3781948.78        0.83455              402268.88
3781948.78          0.72659
        402288.88    3781948.78        0.67427              402308.88
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   3781948.78        0.65530
          402328.88    3781948.78        0.64754                            402348.88
3781948.78        0.64886
          402368.88    3781948.78        0.64177                            402388.88
3781948.78        0.67387
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                            PAGE 209
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
```
          402408.88    3781948.78        0.77925                            402428.88
3781948.78        0.78988
          402448.88    3781948.78        0.79913                            402468.88
3781948.78        0.80329
          402488.88    3781948.78        0.80074                            402508.88
3781948.78        0.80726
          401308.88    3781968.78        0.20109                            401328.88
3781968.78        0.20457
          401348.88    3781968.78        0.20829                            401368.88
3781968.78        0.21182
          401388.88    3781968.78        0.21560                            401408.88
3781968.78        0.21958
          401428.88    3781968.78        0.22410                            401448.88
3781968.78        0.23812
          401468.88    3781968.78        0.24691                            401488.88
3781968.78        0.25189
```

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    401508.88    3781968.78         0.28261              401528.88
3781968.78        0.28510
    401548.88    3781968.78         0.27994              401568.88
3781968.78        0.29062
    401588.88    3781968.78         0.29978              401608.88
3781968.78        0.31187
    401628.88    3781968.78         0.32117              401648.88
3781968.78        0.32426
    401668.88    3781968.78         0.33522              401688.88
3781968.78        0.34126
    401708.88    3781968.78         0.34189              401728.88
3781968.78        0.33334
    401748.88    3781968.78         0.33882              401768.88
3781968.78        0.34253
    401788.88    3781968.78         0.34809              401808.88
3781968.78        0.37249
    401828.88    3781968.78         0.40549              401848.88
3781968.78        0.41613
    401868.88    3781968.78         0.41619              401888.88
3781968.78        0.41476
    401908.88    3781968.78         0.41609              401928.88
3781968.78        0.41714
    401948.88    3781968.78         0.42009              401968.88
3781968.78        0.42701
    401988.88    3781968.78         0.43558              402008.88
3781968.78        0.45138
    402028.88    3781968.78         0.46758              402048.88
3781968.78        0.48688
    402068.88    3781968.78         0.50086              402088.88
3781968.78        0.51608
    402108.88    3781968.78         0.55231              402128.88
3781968.78        0.56152
    402148.88    3781968.78         0.57863              402168.88
3781968.78        0.71575
    402188.88    3781968.78         0.76771              402208.88
3781968.78        0.72695
    402228.88    3781968.78         0.73955              402248.88
3781968.78        0.72828
    402268.88    3781968.78         0.74706              402288.88
3781968.78        0.71597
    402308.88    3781968.78         0.63888              402328.88
3781968.78        0.59943
    402348.88    3781968.78         0.58899              402368.88
3781968.78        0.58194
    402388.88    3781968.78         0.60745              402408.88
3781968.78        0.69937
    402428.88    3781968.78         0.70653              402448.88
3781968.78        0.71263
    402468.88    3781968.78         0.71891              402488.88
3781968.78        0.73496
```

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     402508.88   3781968.78       0.73611                   401308.88
3781988.78      0.19633
     401328.88   3781988.78       0.19967                   401348.88
3781988.78      0.20324
     401368.88   3781988.78       0.20716                   401388.88
3781988.78      0.21118
     401408.88   3781988.78       0.21507                   401428.88
3781988.78      0.22074
     401448.88   3781988.78       0.22880                   401468.88
3781988.78      0.23108
     401488.88   3781988.78       0.24052                   401508.88
3781988.78      0.27261
     401528.88   3781988.78       0.26317                   401548.88
3781988.78      0.27411
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                         PAGE 210

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
     401568.88   3781988.78   0.28172   401588.88
3781988.78   0.28997
     401608.88   3781988.78   0.29567   401628.88
3781988.78   0.30578
     401648.88   3781988.78   0.31396   401668.88
3781988.78   0.31189
     401688.88   3781988.78   0.30063   401708.88
```

```
3781988.78        0.29539
        401728.88    3781988.78        0.30258                401748.88
3781988.78        0.31758
        401768.88    3781988.78        0.31669                401788.88
3781988.78        0.32474
        401808.88    3781988.78        0.34311                401828.88
3781988.78        0.38387
        401848.88    3781988.78        0.39037                401868.88
3781988.78        0.38980
        401888.88    3781988.78        0.38464                401908.88
3781988.78        0.38391
        401928.88    3781988.78        0.38940                401948.88
3781988.78        0.39619
        401968.88    3781988.78        0.40491                401988.88
3781988.78        0.41403
        402008.88    3781988.78        0.42537                402028.88
3781988.78        0.43695
        402048.88    3781988.78        0.45748                402068.88
3781988.78        0.46798
        402088.88    3781988.78        0.47829                402108.88
3781988.78        0.49217
        402128.88    3781988.78        0.51197                402148.88
3781988.78        0.54462
        402168.88    3781988.78        0.65031                402188.88
3781988.78        0.67606
        402208.88    3781988.78        0.65814                402228.88
3781988.78        0.65767
        402248.88    3781988.78        0.64117                402268.88
3781988.78        0.62258
        402288.88    3781988.78        0.60450                402308.88
3781988.78        0.56887
        402328.88    3781988.78        0.53264                402348.88
3781988.78        0.53787
        402368.88    3781988.78        0.53386                402388.88
3781988.78        0.54980
        402408.88    3781988.78        0.64034                402428.88
3781988.78        0.65223
        402448.88    3781988.78        0.64601                402468.88
3781988.78        0.65185
        402488.88    3781988.78        0.65539                402508.88
3781988.78        0.66035
        401308.88    3782008.78        0.19144                401328.88
3782008.78        0.19461
        401348.88    3782008.78        0.19825                401368.88
3782008.78        0.20087
        401388.88    3782008.78        0.20381                401408.88
3782008.78        0.20786
        401428.88    3782008.78        0.21405                401448.88
3782008.78        0.21803
        401468.88    3782008.78        0.22033                401488.88
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3782008.78          0.23471
            401508.88     3782008.78           0.25687                              401528.88
3782008.78          0.25834
            401548.88     3782008.78           0.26277                              401568.88
3782008.78          0.26965
            401588.88     3782008.78           0.27732                              401608.88
3782008.78          0.28527
            401628.88     3782008.78           0.28468                              401648.88
3782008.78          0.27559
            401668.88     3782008.78           0.26950                              401688.88
3782008.78          0.27223
            401708.88     3782008.78           0.27931                              401728.88
3782008.78          0.29319
            401748.88     3782008.78           0.29961                              401768.88
3782008.78          0.30110
            401788.88     3782008.78           0.30905                              401808.88
3782008.78          0.33101
            401828.88     3782008.78           0.34873                              401848.88
3782008.78          0.35589
            401868.88     3782008.78           0.34958                              401888.88
3782008.78          0.35046
            401908.88     3782008.78           0.35612                              401928.88
3782008.78          0.36746
```

                              PAGE 211
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
                    L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
                    L0000907   , L0000908   , L0000909   , L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
                    L0000915   , L0000916   , L0000917   , L0000918   , L0000919   , L0000920   , L0000921   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC

401948.88	3782008.78	0.37349	401968.88	3782008.78	0.38094
401988.88	3782008.78	0.39051	402008.88	3782008.78	0.39795
402028.88	3782008.78	0.40853	402048.88	3782008.78	0.42295
402068.88	3782008.78	0.43970	402088.88	3782008.78	0.45591
402108.88	3782008.78	0.46399	402128.88	3782008.78	0.47467
402148.88	3782008.78	0.54215	402168.88	3782008.78	0.58856
402188.88	3782008.78	0.62212	402208.88	3782008.78	0.59748
402228.88	3782008.78	0.59521	402248.88	3782008.78	0.58331
402268.88	3782008.78	0.53911	402288.88	3782008.78	0.52749
402308.88	3782008.78	0.49457	402328.88	3782008.78	0.48916
402348.88	3782008.78	0.49678	402368.88	3782008.78	0.48367
402388.88	3782008.78	0.51156	402408.88	3782008.78	0.55901
402428.88	3782008.78	0.55554	402448.88	3782008.78	0.56152
402468.88	3782008.78	0.59150	402488.88	3782008.78	0.57662
402508.88	3782008.78	0.58245	401308.88	3782028.78	0.18708
401328.88	3782028.78	0.18988	401348.88	3782028.78	0.19190
401368.88	3782028.78	0.19219	401388.88	3782028.78	0.19189
401408.88	3782028.78	0.19615	401428.88	3782028.78	0.20529
401448.88	3782028.78	0.20424	401468.88	3782028.78	0.21209
401488.88	3782028.78	0.22885	401508.88	3782028.78	0.24573
401528.88	3782028.78	0.24513	401548.88	3782028.78	0.25107
401568.88	3782028.78	0.26321	401588.88	3782028.78	0.25652
401608.88	3782028.78	0.25245	401628.88	3782028.78	0.24663
401648.88	3782028.78	0.24791	401668.88	3782028.78	0.25625

```
        401688.88   3782028.78         0.26307                    401708.88
3782028.78      0.27143
        401728.88   3782028.78         0.27781                    401748.88
3782028.78      0.28134
        401768.88   3782028.78         0.28018                    401788.88
3782028.78      0.28710
        401808.88   3782028.78         0.30264                    401828.88
3782028.78      0.31812
        401848.88   3782028.78         0.32543                    401868.88
3782028.78      0.32543
        401888.88   3782028.78         0.32839                    401908.88
3782028.78      0.33641
        401928.88   3782028.78         0.33817                    401948.88
3782028.78      0.33862
        401968.88   3782028.78         0.34204                    401988.88
3782028.78      0.34754
        402008.88   3782028.78         0.35708                    402028.88
3782028.78      0.36856
        402048.88   3782028.78         0.38286                    402068.88
3782028.78      0.40069
        402088.88   3782028.78         0.41363                    402108.88
3782028.78      0.42400
        402128.88   3782028.78         0.44163                    402148.88
3782028.78      0.50871
        402168.88   3782028.78         0.54207                    402188.88
3782028.78      0.55307
        402208.88   3782028.78         0.53157                    402228.88
3782028.78      0.53955
        402248.88   3782028.78         0.51911                    402268.88
3782028.78      0.50852
        402288.88   3782028.78         0.45463                    402308.88
3782028.78      0.43268
```

⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                         PAGE 212
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                        INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
            L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
            L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
            L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402328.88	3782028.78	0.42566	402348.88	3782028.78	0.45160
402368.88	3782028.78	0.45332	402388.88	3782028.78	0.48550
402408.88	3782028.78	0.50438	402428.88	3782028.78	0.51152
402448.88	3782028.78	0.51552	402468.88	3782028.78	0.53194
402488.88	3782028.78	0.53672	402508.88	3782028.78	0.51827
401308.88	3782048.78	0.17906	401328.88	3782048.78	0.18083
401348.88	3782048.78	0.18024	401368.88	3782048.78	0.18324
401388.88	3782048.78	0.18638	401408.88	3782048.78	0.19266
401428.88	3782048.78	0.19617	401448.88	3782048.78	0.19891
401468.88	3782048.78	0.20339	401488.88	3782048.78	0.22183
401508.88	3782048.78	0.24294	401528.88	3782048.78	0.23764
401548.88	3782048.78	0.24039	401568.88	3782048.78	0.24122
401588.88	3782048.78	0.24441	401608.88	3782048.78	0.23095
401628.88	3782048.78	0.23590	401648.88	3782048.78	0.24248
401668.88	3782048.78	0.24909	401688.88	3782048.78	0.25402
401708.88	3782048.78	0.25368	401728.88	3782048.78	0.26185
401748.88	3782048.78	0.26050	401768.88	3782048.78	0.26882
401788.88	3782048.78	0.27419	401808.88	3782048.78	0.28486
401828.88	3782048.78	0.29267	401848.88	3782048.78	0.29407
401868.88	3782048.78	0.29688	401888.88		

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3782048.78        0.29915
        401908.88    3782048.78        0.30926                        401928.88
3782048.78        0.31576
        401948.88    3782048.78        0.31559                        401968.88
3782048.78        0.31873
        401988.88    3782048.78        0.32380                        402008.88
3782048.78        0.33180
        402028.88    3782048.78        0.34373                        402048.88
3782048.78        0.35368
        402068.88    3782048.78        0.36551                        402088.88
3782048.78        0.37815
        402108.88    3782048.78        0.39147                        402128.88
3782048.78        0.41092
        402148.88    3782048.78        0.47488                        402168.88
3782048.78        0.51445
        402188.88    3782048.78        0.47313                        402208.88
3782048.78        0.43451
        402228.88    3782048.78        0.47372                        402248.88
3782048.78        0.48256
        402268.88    3782048.78        0.45693                        402288.88
3782048.78        0.41288
        402308.88    3782048.78        0.39026                        402328.88
3782048.78        0.39253
        402348.88    3782048.78        0.40170                        402368.88
3782048.78        0.40609
        402388.88    3782048.78        0.42142                        402408.88
3782048.78        0.45301
        402428.88    3782048.78        0.46476                        402448.88
3782048.78        0.45767
        402468.88    3782048.78        0.47258                        402488.88
3782048.78        0.47135
        402508.88    3782048.78        0.47170                        401308.88
3782068.78        0.17144
        401328.88    3782068.78        0.17254                        401348.88
3782068.78        0.17486
        401368.88    3782068.78        0.17754                        401388.88
3782068.78        0.18182
        401408.88    3782068.78        0.18561                        401428.88
3782068.78        0.18626
        401448.88    3782068.78        0.19333                        401468.88
3782068.78        0.19764
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 213
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                  L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                  L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                  L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

        X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         401488.88   3782068.78   0.21426   401508.88
3782068.78   0.21524
         401528.88   3782068.78   0.21752   401548.88
3782068.78   0.22866
         401568.88   3782068.78   0.22668   401588.88
3782068.78   0.22995
         401608.88   3782068.78   0.22633   401628.88
3782068.78   0.23169
         401648.88   3782068.78   0.23672   401668.88
3782068.78   0.23921
         401688.88   3782068.78   0.24371   401708.88
3782068.78   0.24504
         401728.88   3782068.78   0.24396   401748.88
3782068.78   0.25058
         401768.88   3782068.78   0.25779   401788.88
3782068.78   0.26095
         401808.88   3782068.78   0.26002   401828.88
3782068.78   0.26999
         401848.88   3782068.78   0.26298   401868.88
3782068.78   0.26836
         401888.88   3782068.78   0.27422   401908.88
3782068.78   0.27726
         401928.88   3782068.78   0.28006   401948.88
3782068.78   0.28369
         401968.88   3782068.78   0.29130   401988.88
3782068.78   0.30224
         402008.88   3782068.78   0.31483   402028.88
3782068.78   0.32676
         402048.88   3782068.78   0.34095   402068.88
3782068.78   0.35351

402088.88	3782068.78	0.36342	402108.88	
3782068.78	0.37424			
402128.88	3782068.78	0.38476	402148.88	
3782068.78	0.43850			
402168.88	3782068.78	0.47329	402188.88	
3782068.78	0.40249			
402208.88	3782068.78	0.36815	402228.88	
3782068.78	0.37929			
402248.88	3782068.78	0.42411	402268.88	
3782068.78	0.42403			
402288.88	3782068.78	0.38631	402308.88	
3782068.78	0.36492			
402328.88	3782068.78	0.35639	402348.88	
3782068.78	0.35626			
402368.88	3782068.78	0.36164	402388.88	
3782068.78	0.37208			
402408.88	3782068.78	0.39535	402428.88	
3782068.78	0.41181			
402448.88	3782068.78	0.41320	402468.88	
3782068.78	0.45779			
402488.88	3782068.78	0.45943	402508.88	
3782068.78	0.43469			
401308.88	3782088.78	0.16657	401328.88	
3782088.78	0.16870			
401348.88	3782088.78	0.17132	401368.88	
3782088.78	0.17370			
401388.88	3782088.78	0.17530	401408.88	
3782088.78	0.17642			
401428.88	3782088.78	0.18058	401448.88	
3782088.78	0.18037			
401468.88	3782088.78	0.19313	401488.88	
3782088.78	0.20565			
401508.88	3782088.78	0.20851	401528.88	
3782088.78	0.21262			
401548.88	3782088.78	0.21888	401568.88	
3782088.78	0.21769			
401588.88	3782088.78	0.22080	401608.88	
3782088.78	0.21852			
401628.88	3782088.78	0.22222	401648.88	
3782088.78	0.22816			
401668.88	3782088.78	0.23004	401688.88	
3782088.78	0.23010			
401708.88	3782088.78	0.22811	401728.88	
3782088.78	0.22660			
401748.88	3782088.78	0.24037	401768.88	
3782088.78	0.25392			
401788.88	3782088.78	0.25017	401808.88	
3782088.78	0.24109			
401828.88	3782088.78	0.24483	401848.88	
3782088.78	0.24321			

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

                              PAGE 214
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401868.88   3782088.78   0.24410   401888.88
3782088.78   0.25151
        401908.88   3782088.78   0.24966   401928.88
3782088.78   0.25256
        401948.88   3782088.78   0.25845   401968.88
3782088.78   0.27301
        401988.88   3782088.78   0.28999   402008.88
3782088.78   0.29545
        402028.88   3782088.78   0.30027   402048.88
3782088.78   0.31643
        402068.88   3782088.78   0.32527   402088.88
3782088.78   0.33647
        402108.88   3782088.78   0.33899   402128.88
3782088.78   0.34789
        402148.88   3782088.78   0.38779   402168.88
3782088.78   0.42682
        402188.88   3782088.78   0.40813   402208.88
3782088.78   0.33673
        402228.88   3782088.78   0.33104   402248.88
3782088.78   0.35280
        402268.88   3782088.78   0.36261   402288.88

	3782088.78	0.36111	
402308.88	3782088.78	0.34289	402328.88
3782088.78	0.32959		
402348.88	3782088.78	0.32600	402368.88
3782088.78	0.33048		
402388.88	3782088.78	0.33891	402408.88
3782088.78	0.35362		
402428.88	3782088.78	0.38208	402448.88
3782088.78	0.39093		
402468.88	3782088.78	0.42977	402488.88
3782088.78	0.41320		
402508.88	3782088.78	0.38516	401308.88
3782108.78	0.16320		
401328.88	3782108.78	0.16565	401348.88
3782108.78	0.16791		
401368.88	3782108.78	0.16829	401388.88
3782108.78	0.16946		
401408.88	3782108.78	0.17038	401428.88
3782108.78	0.17108		
401448.88	3782108.78	0.17229	401468.88
3782108.78	0.18119		
401488.88	3782108.78	0.19456	401508.88
3782108.78	0.19264		
401528.88	3782108.78	0.19868	401548.88
3782108.78	0.19763		
401568.88	3782108.78	0.19634	401588.88
3782108.78	0.19876		
401608.88	3782108.78	0.20277	401628.88
3782108.78	0.20582		
401648.88	3782108.78	0.20796	401668.88
3782108.78	0.21054		
401688.88	3782108.78	0.20938	401708.88
3782108.78	0.20847		
401728.88	3782108.78	0.20992	401748.88
3782108.78	0.22007		
401768.88	3782108.78	0.22853	401788.88
3782108.78	0.23718		
401808.88	3782108.78	0.22419	401828.88
3782108.78	0.22156		
401848.88	3782108.78	0.22436	401868.88
3782108.78	0.22506		
401888.88	3782108.78	0.23189	401908.88
3782108.78	0.23171		
401928.88	3782108.78	0.23530	401948.88
3782108.78	0.24437		
401968.88	3782108.78	0.26057	401988.88
3782108.78	0.27551		
402008.88	3782108.78	0.26867	402028.88
3782108.78	0.27812		
402048.88	3782108.78	0.29716	402068.88

```
3782108.78        0.30508
         402088.88    3782108.78        0.30939                        402108.88
3782108.78        0.31528
         402128.88    3782108.78        0.32470                        402148.88
3782108.78        0.33419
         402168.88    3782108.78        0.37452                        402188.88
3782108.78        0.41008
         402208.88    3782108.78        0.33586                        402228.88
3782108.78        0.30478
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 215
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                               INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                               ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402248.88   3782108.78   0.30937   402268.88
3782108.78   0.31507
         402288.88   3782108.78   0.31891   402308.88
3782108.78   0.31553
         402328.88   3782108.78   0.31235   402348.88
3782108.78   0.30630
         402368.88   3782108.78   0.30743   402388.88
3782108.78   0.31419
         402408.88   3782108.78   0.32490   402428.88
3782108.78   0.34342
         402448.88   3782108.78   0.35901   402468.88
3782108.78   0.37682
```

```
        402488.88    3782108.78       0.35533                    402508.88
3782108.78        0.35001
        401308.88    3782128.78       0.15967                    401328.88
3782128.78        0.16157
        401348.88    3782128.78       0.16261                    401368.88
3782128.78        0.16291
        401388.88    3782128.78       0.16372                    401408.88
3782128.78        0.16451
        401428.88    3782128.78       0.16665                    401448.88
3782128.78        0.16596
        401468.88    3782128.78       0.17101                    401488.88
3782128.78        0.17503
        401508.88    3782128.78       0.17545                    401528.88
3782128.78        0.18165
        401548.88    3782128.78       0.17952                    401568.88
3782128.78        0.17967
        401588.88    3782128.78       0.18365                    401608.88
3782128.78        0.18637
        401628.88    3782128.78       0.19011                    401648.88
3782128.78        0.19540
        401668.88    3782128.78       0.19589                    401688.88
3782128.78        0.19380
        401708.88    3782128.78       0.19537                    401728.88
3782128.78        0.19608
        401748.88    3782128.78       0.20564                    401768.88
3782128.78        0.21480
        401788.88    3782128.78       0.22462                    401808.88
3782128.78        0.21329
        401828.88    3782128.78       0.20725                    401848.88
3782128.78        0.21033
        401868.88    3782128.78       0.21168                    401888.88
3782128.78        0.21586
        401908.88    3782128.78       0.21834                    401928.88
3782128.78        0.22506
        401948.88    3782128.78       0.23478                    401968.88
3782128.78        0.25241
        401988.88    3782128.78       0.25593                    402008.88
3782128.78        0.25016
        402028.88    3782128.78       0.25901                    402048.88
3782128.78        0.27506
        402068.88    3782128.78       0.28817                    402088.88
3782128.78        0.28924
        402108.88    3782128.78       0.29477                    402128.88
3782128.78        0.30347
        402148.88    3782128.78       0.30967                    402168.88
3782128.78        0.33193
        402188.88    3782128.78       0.38082                    402208.88
3782128.78        0.31593
        402228.88    3782128.78       0.28964                    402248.88
3782128.78        0.28379
```

```
        402268.88    3782128.78        0.28807                      402288.88
3782128.78        0.28935
        402308.88    3782128.78        0.29019                      402328.88
3782128.78        0.28986
        402348.88    3782128.78        0.28903                      402368.88
3782128.78        0.28968
        402388.88    3782128.78        0.29606                      402408.88
3782128.78        0.30577
        402428.88    3782128.78        0.32103                      402448.88
3782128.78        0.33750
        402468.88    3782128.78        0.33428                      402488.88
3782128.78        0.32087
        402508.88    3782128.78        0.31847                      401308.88
3782148.78        0.15152
        401328.88    3782148.78        0.15586                      401348.88
3782148.78        0.15703
        401368.88    3782148.78        0.15754                      401388.88
3782148.78        0.15854
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

                              PAGE 216
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                  L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                  L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                  L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401408.88   3782148.78   0.15972   401428.88
3782148.78   0.15931
        401448.88   3782148.78   0.15972   401468.88

```
3782148.78        0.16214
        401488.88    3782148.78        0.15953                401508.88
3782148.78        0.16190
        401528.88    3782148.78        0.16660                401548.88
3782148.78        0.16693
        401568.88    3782148.78        0.16744                401588.88
3782148.78        0.17163
        401608.88    3782148.78        0.17416                401628.88
3782148.78        0.17789
        401648.88    3782148.78        0.18218                401668.88
3782148.78        0.18496
        401688.88    3782148.78        0.18155                401708.88
3782148.78        0.18318
        401728.88    3782148.78        0.18568                401748.88
3782148.78        0.19318
        401768.88    3782148.78        0.19925                401788.88
3782148.78        0.20899
        401808.88    3782148.78        0.20169                401828.88
3782148.78        0.19845
        401848.88    3782148.78        0.19892                401868.88
3782148.78        0.20096
        401888.88    3782148.78        0.20430                401908.88
3782148.78        0.20983
        401928.88    3782148.78        0.21895                401948.88
3782148.78        0.23118
        401968.88    3782148.78        0.23882                401988.88
3782148.78        0.23435
        402008.88    3782148.78        0.23396                402028.88
3782148.78        0.24136
        402048.88    3782148.78        0.25613                402068.88
3782148.78        0.26454
        402088.88    3782148.78        0.27214                402108.88
3782148.78        0.27656
        402128.88    3782148.78        0.28338                402148.88
3782148.78        0.28954
        402168.88    3782148.78        0.31215                402188.88
3782148.78        0.35296
        402208.88    3782148.78        0.30972                402228.88
3782148.78        0.27568
        402248.88    3782148.78        0.26760                402268.88
3782148.78        0.26774
        402288.88    3782148.78        0.26882                402308.88
3782148.78        0.26917
        402328.88    3782148.78        0.27018                402348.88
3782148.78        0.27130
        402368.88    3782148.78        0.27452                402388.88
3782148.78        0.28132
        402408.88    3782148.78        0.28930                402428.88
3782148.78        0.29651
        402448.88    3782148.78        0.31697                402468.88
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```
3782148.78       0.31588
        402488.88    3782148.78       0.30161                         402508.88
3782148.78       0.29702
        401308.88    3782168.78       0.14863                         401328.88
3782168.78       0.14938
        401348.88    3782168.78       0.14866                         401368.88
3782168.78       0.15051
        401388.88    3782168.78       0.15306                         401408.88
3782168.78       0.15471
        401428.88    3782168.78       0.15512                         401448.88
3782168.78       0.15850
        401468.88    3782168.78       0.16148                         401488.88
3782168.78       0.15570
        401508.88    3782168.78       0.15416                         401528.88
3782168.78       0.15655
        401548.88    3782168.78       0.15823                         401568.88
3782168.78       0.15877
        401588.88    3782168.78       0.16216                         401608.88
3782168.78       0.16447
        401628.88    3782168.78       0.16749                         401648.88
3782168.78       0.17089
        401668.88    3782168.78       0.17476                         401688.88
3782168.78       0.17250
        401708.88    3782168.78       0.17393                         401728.88
3782168.78       0.17701
        401748.88    3782168.78       0.18279                         401768.88
3782168.78       0.18793
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 217
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                        INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
            L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
            L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
            L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                        ** CONC OF PM_10   IN MICROGRAMS/M**3

```
                  **

      X-COORD (M)   Y-COORD (M)       CONC                        X-COORD (M)
Y-COORD (M)       CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        401788.88    3782168.78       0.19776                      401808.88
3782168.78       0.19234
        401828.88    3782168.78       0.19028                      401848.88
3782168.78       0.19068
        401868.88    3782168.78       0.19276                      401888.88
3782168.78       0.19692
        401908.88    3782168.78       0.20294                      401928.88
3782168.78       0.21274
        401948.88    3782168.78       0.22631                      401968.88
3782168.78       0.22222
        401988.88    3782168.78       0.21867                      402008.88
3782168.78       0.22033
        402028.88    3782168.78       0.22832                      402048.88
3782168.78       0.23573
        402068.88    3782168.78       0.24382                      402088.88
3782168.78       0.25696
        402108.88    3782168.78       0.25995                      402128.88
3782168.78       0.26580
        402148.88    3782168.78       0.28166                      402168.88
3782168.78       0.32365
        402188.88    3782168.78       0.32428                      402208.88
3782168.78       0.30291
        402228.88    3782168.78       0.26807                      402248.88
3782168.78       0.25974
        402268.88    3782168.78       0.25621                      402288.88
3782168.78       0.25521
        402308.88    3782168.78       0.25509                      402328.88
3782168.78       0.25561
        402348.88    3782168.78       0.25675                      402368.88
3782168.78       0.26009
        402388.88    3782168.78       0.26571                      402408.88
3782168.78       0.27041
        402428.88    3782168.78       0.28058                      402448.88
3782168.78       0.29918
        402468.88    3782168.78       0.30255                      402488.88
3782168.78       0.28706
        402508.88    3782168.78       0.28111                      401308.88
3782188.78       0.14425
        401328.88    3782188.78       0.14062                      401348.88
3782188.78       0.14350
        401368.88    3782188.78       0.14266                      401388.88
3782188.78       0.14526
        401408.88    3782188.78       0.14795                      401428.88
3782188.78       0.15009
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         401448.88    3782188.78        0.15366                        401468.88
3782188.78        0.15702
         401488.88    3782188.78        0.15629                        401508.88
3782188.78        0.15086
         401528.88    3782188.78        0.14927                        401548.88
3782188.78        0.15108
         401568.88    3782188.78        0.15188                        401588.88
3782188.78        0.15471
         401608.88    3782188.78        0.15698                        401628.88
3782188.78        0.15875
         401648.88    3782188.78        0.16093                        401668.88
3782188.78        0.16482
         401688.88    3782188.78        0.16528                        401708.88
3782188.78        0.16656
         401728.88    3782188.78        0.16991                        401748.88
3782188.78        0.17410
         401768.88    3782188.78        0.17950                        401788.88
3782188.78        0.18672
         401808.88    3782188.78        0.18429                        401828.88
3782188.78        0.18284
         401848.88    3782188.78        0.18392                        401868.88
3782188.78        0.18606
         401888.88    3782188.78        0.19031                        401908.88
3782188.78        0.19552
         401928.88    3782188.78        0.20278                        401948.88
3782188.78        0.21443
         401968.88    3782188.78        0.21169                        401988.88
3782188.78        0.20804
         402008.88    3782188.78        0.20926                        402028.88
3782188.78        0.21449
         402048.88    3782188.78        0.22019                        402068.88
3782188.78        0.23209
         402088.88    3782188.78        0.24263                        402108.88
3782188.78        0.24227
         402128.88    3782188.78        0.24841                        402148.88
3782188.78        0.27124
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 218
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                         INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                  L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,

L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                         L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3
               **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402168.88   3782188.78   0.30483   402188.88
3782188.78   0.29458
         402208.88   3782188.78   0.27459   402228.88
3782188.78   0.26171
         402248.88   3782188.78   0.25416   402268.88
3782188.78   0.24934
         402288.88   3782188.78   0.24750   402308.88
3782188.78   0.24516
         402328.88   3782188.78   0.24447   402348.88
3782188.78   0.24437
         402368.88   3782188.78   0.24665   402388.88
3782188.78   0.25071
         402408.88   3782188.78   0.25635   402428.88
3782188.78   0.26666
         402448.88   3782188.78   0.27754   402468.88
3782188.78   0.28520
         402488.88   3782188.78   0.27168   402508.88
3782188.78   0.26700
         401308.88   3782208.78   0.13650   401328.88
3782208.78   0.13700
         401348.88   3782208.78   0.13636   401368.88
3782208.78   0.13739
         401388.88   3782208.78   0.13764   401408.88
3782208.78   0.13972
         401428.88   3782208.78   0.14249   401448.88
3782208.78   0.14435
         401468.88   3782208.78   0.14748   401488.88
3782208.78   0.15245
         401508.88   3782208.78   0.14925   401528.88
3782208.78   0.14613
         401548.88   3782208.78   0.14554   401568.88
3782208.78   0.14665
         401588.88   3782208.78   0.14904   401608.88
3782208.78   0.15082
         401628.88   3782208.78   0.15302   401648.88

```
3782208.78       0.15501
         401668.88    3782208.78        0.15832                    401688.88
3782208.78       0.15923
         401708.88    3782208.78        0.16070                    401728.88
3782208.78       0.16348
         401748.88    3782208.78        0.16740                    401768.88
3782208.78       0.17311
         401788.88    3782208.78        0.17813                    401808.88
3782208.78       0.17625
         401828.88    3782208.78        0.17606                    401848.88
3782208.78       0.17716
         401868.88    3782208.78        0.17958                    401888.88
3782208.78       0.18325
         401908.88    3782208.78        0.18843                    401928.88
3782208.78       0.19587
         401948.88    3782208.78        0.20520                    401968.88
3782208.78       0.20130
         401988.88    3782208.78        0.19848                    402008.88
3782208.78       0.19981
         402028.88    3782208.78        0.20500                    402048.88
3782208.78       0.21332
         402068.88    3782208.78        0.22443                    402088.88
3782208.78       0.22522
         402108.88    3782208.78        0.22726                    402128.88
3782208.78       0.24010
         402148.88    3782208.78        0.25382                    402168.88
3782208.78       0.26955
         402188.88    3782208.78        0.29155                    402208.88
3782208.78       0.26187
         402228.88    3782208.78        0.25559                    402248.88
3782208.78       0.24838
         402268.88    3782208.78        0.24033                    402288.88
3782208.78       0.23599
         402308.88    3782208.78        0.23433                    402328.88
3782208.78       0.23346
         402348.88    3782208.78        0.23362                    402368.88
3782208.78       0.23483
         402388.88    3782208.78        0.23891                    402408.88
3782208.78       0.24428
         402428.88    3782208.78        0.25038                    402448.88
3782208.78       0.26203
         402468.88    3782208.78        0.27174                    402488.88
3782208.78       0.26099
         402508.88    3782208.78        0.25554                    402116.08
3781609.34       25.82792
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                    INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
               L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
               L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
               L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
               **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402111.58   3781631.84   45.29962   402072.78
3781724.63   6.23286
        402058.72   3781776.93   2.03601   402061.53
3781812.92   1.40266
        402065.47   3781834.86   1.13666   401913.06
3781829.79   0.84180
        401870.32   3781887.16   0.58199   401788.78
3781884.91   0.47419
        401791.03   3781611.59   1.12986

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,

L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

        X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         399067.96   3778941.97   0.23318   399349.76
3778941.97   0.25435
         399631.56   3778941.97   0.27797   399913.36
3778941.97   0.30535
         400195.16   3778941.97   0.33542   400476.96
3778941.97   0.36909
         400758.76   3778941.97   0.40630   401040.56
3778941.97   0.44796
         401322.36   3778941.97   0.49478   401604.16
3778941.97   0.54902
         401885.96   3778941.97   0.61726   402167.76
3778941.97   0.70821
         402449.56   3778941.97   0.82787   402731.36
3778941.97   0.94778
         403013.16   3778941.97   0.94737   403294.96
3778941.97   0.81175
         403576.76   3778941.97   0.66903   403858.56
3778941.97   0.56072
         404140.36   3778941.97   0.47221   404422.16
3778941.97   0.41122
         404703.96   3778941.97   0.36170   399067.96
3779205.53   0.24601
         399349.76   3779205.53   0.26975   399631.56
3779205.53   0.29684
         399913.36   3779205.53   0.32850   400195.16
3779205.53   0.36417
         400476.96   3779205.53   0.40436   400758.76
3779205.53   0.44994
         401040.56   3779205.53   0.50140   401322.36
3779205.53   0.56464
         401604.16   3779205.53   0.63773   401885.96
3779205.53   0.73805
         402167.76   3779205.53   0.89048   402449.56
3779205.53   1.16243
         402731.36   3779205.53   1.76416   403013.16
3779205.53   1.87360
         403294.96   3779205.53   1.18228   403576.76

```
3779205.53        0.85810
        403858.56     3779205.53           0.67221                         404140.36
3779205.53        0.54890
        404422.16     3779205.53           0.46243                         404703.96
3779205.53        0.39929
        399067.96     3779469.09           0.25893                         399349.76
3779469.09        0.28554
        399631.56     3779469.09           0.31643                         399913.36
3779469.09        0.35300
        400195.16     3779469.09           0.39473                         400476.96
3779469.09        0.44273
        400758.76     3779469.09           0.49797                         401040.56
3779469.09        0.56237
        401322.36     3779469.09           0.63715                         401604.16
3779469.09        0.73086
        401885.96     3779469.09           0.86074                         402167.76
3779469.09        1.07590
        402449.56     3779469.09           1.54210                         402731.36
3779469.09        3.59481
        403013.16     3779469.09           5.60455                         403294.96
3779469.09        1.75974
        403576.76     3779469.09           1.08981                         403858.56
3779469.09        0.80006
        404140.36     3779469.09           0.63074                         404422.16
3779469.09        0.51623
        404703.96     3779469.09           0.43790                         399067.96
3779732.65        0.27167
        399349.76     3779732.65           0.30162                         399631.56
3779732.65        0.33686
        399913.36     3779732.65           0.37862                         400195.16
3779732.65        0.42733
        400476.96     3779732.65           0.48453                         400758.76
3779732.65        0.55255
        401040.56     3779732.65           0.62892                         401322.36
3779732.65        0.71853
        401604.16     3779732.65           0.82777                         401885.96
3779732.65        0.97464
        402167.76     3779732.65           1.21673                         402449.56
3779732.65        1.74878
        402731.36     3779732.65           3.93169                         403013.16
3779732.65        7.47501
        403294.96     3779732.65           2.25449                         403576.76
3779732.65        1.32474
```
⬧ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                          PAGE 221
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                 INCLUDING SOURCE(S):      L0000001    , L0000002
, L0000003    , L0000004    , L0000005     ,
              L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013     ,
              L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021     ,
              L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .       ,


                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                          ** CONC OF PM_10    IN MICROGRAMS/M**3
            **


     X-COORD (M)   Y-COORD (M)      CONC                      X-COORD (M)
Y-COORD (M)       CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
      403858.56    3779732.65       0.93076                   404140.36
3779732.65      0.70815
      404422.16    3779732.65       0.57316                   404703.96
3779732.65      0.47663
      399067.96    3779996.21       0.28403                   399349.76
3779996.21      0.31757
      399631.56    3779996.21       0.35740                   399913.36
3779996.21      0.40515
      400195.16    3779996.21       0.46221                   400476.96
3779996.21      0.53066
      400758.76    3779996.21       0.61251                   401040.56
3779996.21      0.70582
      401322.36    3779996.21       0.81327                   401604.16
3779996.21      0.93676
      401885.96    3779996.21       1.09210                   402167.76
3779996.21      1.33223
      402449.56    3779996.21       1.87479                   402731.36
3779996.21      3.84883
      403013.16    3779996.21       8.94405                   403294.96
3779996.21      2.56654
      403576.76    3779996.21       1.50867                   403858.56
3779996.21      1.04251
      404140.36    3779996.21       0.78588                   404422.16
3779996.21      0.62480
      404703.96    3779996.21       0.51401                   399067.96
3780259.77      0.29577
      399349.76    3780259.77       0.33285                   399631.56
3780259.77      0.37777
```

399913.36	3780259.77	0.43244		400195.16
3780259.77	0.49955			
400476.96	3780259.77	0.58361		400758.76
3780259.77	0.68294			
401040.56	3780259.77	0.80072		401322.36
3780259.77	0.93530			
401604.16	3780259.77	1.08269		401885.96
3780259.77	1.25002			
402167.76	3780259.77	1.48723		402449.56
3780259.77	1.97000			
402731.36	3780259.77	3.70692		403013.16
3780259.77	10.88607			
403294.96	3780259.77	2.77272		403576.76
3780259.77	1.63807			
403858.56	3780259.77	1.13636		404140.36
3780259.77	0.84929			
404422.16	3780259.77	0.67033		404703.96
3780259.77	0.54794			
399067.96	3780523.33	0.30643		399349.76
3780523.33	0.34725			
399631.56	3780523.33	0.39724		399913.36
3780523.33	0.45976			
400195.16	3780523.33	0.53936		400476.96
3780523.33	0.63916			
400758.76	3780523.33	0.76921		401040.56
3780523.33	0.92605			
401322.36	3780523.33	1.11049		401604.16
3780523.33	1.30656			
401885.96	3780523.33	1.49790		402167.76
3780523.33	1.71684			
402449.56	3780523.33	2.11845		402731.36
3780523.33	3.56450			
403013.16	3780523.33	13.92146		403294.96
3780523.33	2.95856			
403576.76	3780523.33	1.73480		403858.56
3780523.33	1.20682			
404140.36	3780523.33	0.89982		404422.16
3780523.33	0.70475			
404703.96	3780523.33	0.57359		399067.96
3780786.89	0.31542			
399349.76	3780786.89	0.35991		399631.56
3780786.89	0.41403			
399913.36	3780786.89	0.48568		400195.16
3780786.89	0.57882			
400476.96	3780786.89	0.70409		400758.76
3780786.89	0.87747			
401040.56	3780786.89	1.10170		401322.36
3780786.89	1.38988			
401604.16	3780786.89	1.70377		401885.96
3780786.89	1.96443			

```
         402167.76    3780786.89       2.15375                    402449.56
3780786.89       2.41948
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                               INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                               ** CONC OF PM_10   IN MICROGRAMS/M**3
           **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402731.36   3780786.89   3.58199   403013.16
3780786.89   18.74378
         403294.96   3780786.89   3.13335   403576.76
3780786.89   1.80773
         403858.56   3780786.89   1.25188   404140.36
3780786.89   0.93233
         404422.16   3780786.89   0.72982   404703.96
3780786.89   0.60636
         399067.96   3781050.45   0.32233   399349.76
3781050.45   0.37011
         399631.56   3781050.45   0.43035   399913.36
3781050.45   0.50764
         400195.16   3781050.45   0.61621   400476.96
3781050.45   0.77372
         400758.76   3781050.45   1.00698   401040.56
3781050.45   1.34663
         401322.36   3781050.45   1.84993   401604.16
3781050.45   2.49480
         401885.96   3781050.45   3.01206   402167.76

3781050.45	3.12506		
402449.56	3781050.45	3.11091	402731.36
3781050.45	3.86141		
403013.16	3781050.45	29.18223	403294.96
3781050.45	3.27565		
403576.76	3781050.45	1.84692	403858.56
3781050.45	1.26662		
404140.36	3781050.45	0.94621	404422.16
3781050.45	0.74673		
404703.96	3781050.45	0.62998	399067.96
3781314.01	0.32672		
399349.76	3781314.01	0.37666	399631.56
3781314.01	0.44103		
399913.36	3781314.01	0.52994	400195.16
3781314.01	0.66454		
400476.96	3781314.01	0.83966	400758.76
3781314.01	1.13985		
401040.56	3781314.01	1.65064	401322.36
3781314.01	2.58841		
401604.16	3781314.01	4.30607	401885.96
3781314.01	6.23917		
402167.76	3781314.01	5.97372	402449.56
3781314.01	4.94997		
402731.36	3781314.01	4.85755	403013.16
3781314.01	43.74986		
403294.96	3781314.01	3.35927	403576.76
3781314.01	1.83047		
403858.56	3781314.01	1.24990	404140.36
3781314.01	0.93502		
404422.16	3781314.01	0.76127	404703.96
3781314.01	0.64568		
399067.96	3781577.57	0.32804	399349.76
3781577.57	0.37905		
399631.56	3781577.57	0.44770	399913.36
3781577.57	0.54748		
400195.16	3781577.57	0.68588	400476.96
3781577.57	0.89186		
400758.76	3781577.57	1.22861	401040.56
3781577.57	1.85618		
401322.36	3781577.57	3.29818	401604.16
3781577.57	8.52791		
401885.96	3781577.57	37.29669	402167.76
3781577.57	28.92653		
402449.56	3781577.57	48.09618	402731.36
3781577.57	50.33608		
403013.16	3781577.57	50.00930	403294.96
3781577.57	3.11766		
403576.76	3781577.57	1.72774	403858.56
3781577.57	1.27146		
404140.36	3781577.57	0.92367	404422.16

```
3781577.57        0.79061
        404703.96    3781577.57        0.66004                        399067.96
3781841.13        0.32611
        399349.76    3781841.13        0.37789                        399631.56
3781841.13        0.44890
        399913.36    3781841.13        0.54540                        400195.16
3781841.13        0.67508
        400476.96    3781841.13        0.85963                        400758.76
3781841.13        1.23142
        401040.56    3781841.13        1.49366                        401322.36
3781841.13        2.47731
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                            PAGE 223

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401604.16   3781841.13   7.57494   402167.76
3781841.13   17.16550
        402449.56   3781841.13   6.95376   402731.36
3781841.13   4.45330
        403013.16   3781841.13   3.16512   403294.96
3781841.13   2.28659
        403576.76   3781841.13   1.86951   403858.56
3781841.13   1.09874
        404140.36   3781841.13   0.90360   404422.16
3781841.13   0.91285
```

| | | | | | |
|---|---|---|---|---|---|
| 404703.96 | 3781841.13 | 0.71267 | 399067.96 | 3782104.69 | 0.32086 |
| 399349.76 | 3782104.69 | 0.37207 | 399631.56 | 3782104.69 | 0.42839 |
| 399913.36 | 3782104.69 | 0.48304 | 400195.16 | 3782104.69 | 0.52985 |
| 400476.96 | 3782104.69 | 0.59640 | 400758.76 | 3782104.69 | 1.00335 |
| 401040.56 | 3782104.69 | 0.91635 | 401322.36 | 3782104.69 | 1.08680 |
| 401604.16 | 3782104.69 | 1.65040 | 401885.96 | 3782104.69 | 1.88115 |
| 402167.76 | 3782104.69 | 3.23307 | 402449.56 | 3782104.69 | 2.46186 |
| 402731.36 | 3782104.69 | 2.26621 | 403013.16 | 3782104.69 | 1.95426 |
| 403294.96 | 3782104.69 | 1.60293 | 403576.76 | 3782104.69 | 1.31832 |
| 403858.56 | 3782104.69 | 0.95338 | 404140.36 | 3782104.69 | 0.93859 |
| 404422.16 | 3782104.69 | 0.79574 | 404703.96 | 3782104.69 | 0.73251 |
| 399067.96 | 3782368.25 | 0.31243 | 399349.76 | 3782368.25 | 0.35951 |
| 399631.56 | 3782368.25 | 0.36120 | 399913.36 | 3782368.25 | 0.34962 |
| 400195.16 | 3782368.25 | 0.39506 | 400476.96 | 3782368.25 | 0.37198 |
| 400758.76 | 3782368.25 | 0.47435 | 401040.56 | 3782368.25 | 0.42139 |
| 401322.36 | 3782368.25 | 0.54018 | 401604.16 | 3782368.25 | 0.57545 |
| 401885.96 | 3782368.25 | 0.64652 | 402167.76 | 3782368.25 | 0.80016 |
| 402449.56 | 3782368.25 | 0.76600 | 402731.36 | 3782368.25 | 0.85898 |
| 403013.16 | 3782368.25 | 0.95413 | 403294.96 | 3782368.25 | 1.00721 |
| 403576.76 | 3782368.25 | 0.98709 | 403858.56 | 3782368.25 | 0.93875 |
| 404140.36 | 3782368.25 | 0.82235 | 404422.16 | 3782368.25 | 0.73379 |
| 404703.96 | 3782368.25 | 0.64657 | 399067.96 | 3782631.81 | 0.30079 |
| 399349.76 | 3782631.81 | 0.23594 | 399631.56 | 3782631.81 | 0.33344 |
| 399913.36 | 3782631.81 | 0.21572 | 400195.16 | 3782631.81 | 0.24241 |
| 400476.96 | 3782631.81 | 0.24669 | 400758.76 | 3782631.81 | 0.27037 |

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        401040.56    3782631.81        0.27120                         401322.36
3782631.81       0.29736
        401604.16    3782631.81        0.35309                         401885.96
3782631.81       0.37910
        402167.76    3782631.81        0.40323                         402449.56
3782631.81       0.41272
        402731.36    3782631.81        0.42931                         403013.16
3782631.81       0.46740
        403294.96    3782631.81        0.51904                         403576.76
3782631.81       0.57135
        403858.56    3782631.81        0.60417                         404140.36
3782631.81       0.60590
        404422.16    3782631.81        0.58960                         404703.96
3782631.81       0.56405
        399067.96    3782895.37        0.28542                         399349.76
3782895.37       0.29791
        399631.56    3782895.37        0.15344                         399913.36
3782895.37       0.21333
        400195.16    3782895.37        0.17258                         400476.96
3782895.37       0.19108
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
 -
        400758.76   3782895.37   0.18575   401040.56

3782895.37	0.20223		
401322.36	3782895.37	0.21577	401604.16
3782895.37	0.24594		
401885.96	3782895.37	0.24691	402167.76
3782895.37	0.25414		
402449.56	3782895.37	0.27459	402731.36
3782895.37	0.28318		
403013.16	3782895.37	0.28295	403294.96
3782895.37	0.31059		
403576.76	3782895.37	0.34607	403858.56
3782895.37	0.36753		
404140.36	3782895.37	0.38777	404422.16
3782895.37	0.40303		
404703.96	3782895.37	0.41374	399067.96
3783158.93	0.23802		
399349.76	3783158.93	0.16449	399631.56
3783158.93	0.11504		
399913.36	3783158.93	0.13299	400195.16
3783158.93	0.13660		
400476.96	3783158.93	0.14154	400758.76
3783158.93	0.15413		
401040.56	3783158.93	0.15255	401322.36
3783158.93	0.16734		
401604.16	3783158.93	0.18428	401885.96
3783158.93	0.18227		
402167.76	3783158.93	0.18308	402449.56
3783158.93	0.19843		
402731.36	3783158.93	0.19676	403013.16
3783158.93	0.17287		
403294.96	3783158.93	0.21300	403576.76
3783158.93	0.23170		
403858.56	3783158.93	0.24747	404140.36
3783158.93	0.25893		
404422.16	3783158.93	0.27084	404703.96
3783158.93	0.28169		
399067.96	3783422.49	0.12362	399349.76
3783422.49	0.09753		
399631.56	3783422.49	0.10292	399913.36
3783422.49	0.10618		
400195.16	3783422.49	0.10802	400476.96
3783422.49	0.11547		
400758.76	3783422.49	0.11867	401040.56
3783422.49	0.12513		
401322.36	3783422.49	0.13100	401604.16
3783422.49	0.14434		
401885.96	3783422.49	0.14340	402167.76
3783422.49	0.14245		
402449.56	3783422.49	0.14877	402731.36
3783422.49	0.15674		
403013.16	3783422.49	0.12653	403294.96

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3783422.49        0.16156
        403576.76    3783422.49        0.17062                        403858.56
3783422.49        0.17957
        404140.36    3783422.49        0.18903                        404422.16
3783422.49        0.18509
        404703.96    3783422.49        0.18025                        399067.96
3783686.05        0.07968
        399349.76    3783686.05        0.08261                        399631.56
3783686.05        0.08356
        399913.36    3783686.05        0.08739                        400195.16
3783686.05        0.09238
        400476.96    3783686.05        0.09444                        400758.76
3783686.05        0.09784
        401040.56    3783686.05        0.10686                        401322.36
3783686.05        0.10641
        401604.16    3783686.05        0.10960                        401885.96
3783686.05        0.09634
        402167.76    3783686.05        0.09260                        402449.56
3783686.05        0.09698
        402731.36    3783686.05        0.08609                        403013.16
3783686.05        0.06919
        403294.96    3783686.05        0.12111                        403576.76
3783686.05        0.13287
        403858.56    3783686.05        0.13865                        404140.36
3783686.05        0.14312
        404422.16    3783686.05        0.14626                        404703.96
3783686.05        0.11547
        399067.96    3783949.61        0.06967                        399349.76
3783949.61        0.06998
```

                        PAGE 225
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
            L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
            L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
            L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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                                        ** CONC OF PM_10     IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)       CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        399631.56    3783949.61       0.07315                      399913.36
3783949.61        0.07678
        400195.16    3783949.61       0.07575                      400476.96
3783949.61        0.07728
        400758.76    3783949.61       0.08146                      401040.56
3783949.61        0.09156
        401322.36    3783949.61       0.09310                      401604.16
3783949.61        0.08674
        401885.96    3783949.61       0.05159                      402167.76
3783949.61        0.04452
        402449.56    3783949.61       0.05711                      402731.36
3783949.61        0.04633
        403013.16    3783949.61       0.08964                      403294.96
3783949.61        0.10534
        403576.76    3783949.61       0.11090                      403858.56
3783949.61        0.11169
        404140.36    3783949.61       0.11265                      404422.16
3783949.61        0.08800
        404703.96    3783949.61       0.08094                      399067.96
3784213.17        0.05992
        399349.76    3784213.17       0.06230                      399631.56
3784213.17        0.06583
        399913.36    3784213.17       0.06634                      400195.16
3784213.17        0.05410
        400476.96    3784213.17       0.04805                      400758.76
3784213.17        0.04528
        401040.56    3784213.17       0.07379                      401322.36
3784213.17        0.08152
        401604.16    3784213.17       0.08036                      401885.96
3784213.17        0.03734
        402167.76    3784213.17       0.02109                      402449.56
3784213.17        0.03146
        402731.36    3784213.17       0.06790                      403013.16
3784213.17        0.08377
        403294.96    3784213.17       0.09297                      403576.76
3784213.17        0.09203
        403858.56    3784213.17       0.07746                      404140.36
3784213.17        0.06166
        404422.16    3784213.17       0.04675                      404703.96
3784213.17        0.06699
        401308.88    3781008.78       1.73617                      401328.88
3781008.78        1.77274
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        401348.88    3781008.78        1.81109                      401368.88
3781008.78      1.85097
        401388.88    3781008.78        1.88787                      401408.88
3781008.78      1.92348
        401428.88    3781008.78        1.96621                      401448.88
3781008.78      2.00904
        401468.88    3781008.78        2.04827                      401488.88
3781008.78      2.08825
        401508.88    3781008.78        2.13027                      401528.88
3781008.78      2.17027
        401548.88    3781008.78        2.20990                      401568.88
3781008.78      2.25116
        401588.88    3781008.78        2.29160                      401608.88
3781008.78      2.33513
        401628.88    3781008.78        2.37668                      401648.88
3781008.78      2.41583
        401668.88    3781008.78        2.45457                      401688.88
3781008.78      2.49063
        401708.88    3781008.78        2.52328                      401728.88
3781008.78      2.55648
        401748.88    3781008.78        2.58802                      401768.88
3781008.78      2.61792
        401788.88    3781008.78        2.64800                      401808.88
3781008.78      2.67576
        401828.88    3781008.78        2.70470                      401848.88
3781008.78      2.73223
        401868.88    3781008.78        2.75428                      401888.88
3781008.78      2.77616
        401908.88    3781008.78        2.79587                      401928.88
3781008.78      2.81349
        401948.88    3781008.78        2.82931                      401968.88
3781008.78      2.84311
        401988.88    3781008.78        2.85536                      402008.88
3781008.78      2.86601
        402028.88    3781008.78        2.87145                      402048.88
3781008.78      2.88122
        402068.88    3781008.78        2.88869                      402088.88
3781008.78      2.89288
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                           PAGE 226
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,

```
                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011    , L0000012   , L0000013   ,
                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019    , L0000020   , L0000021   ,
                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027    , L0000028   , . . .      ,


                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                                ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


      X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
         402108.88    3781008.78       2.89827                        402128.88
3781008.78        2.90147
         402148.88    3781008.78       2.90343                        402168.88
3781008.78        2.90399
         402188.88    3781008.78       2.90595                        402208.88
3781008.78        2.90822
         402228.88    3781008.78       2.91070                        402248.88
3781008.78        2.91216
         402268.88    3781008.78       2.91277                        402288.88
3781008.78        2.91401
         402308.88    3781008.78       2.91522                        402328.88
3781008.78        2.91784
         402348.88    3781008.78       2.92079                        402368.88
3781008.78        2.92496
         402388.88    3781008.78       2.93025                        402408.88
3781008.78        2.93711
         402428.88    3781008.78       2.94571                        402448.88
3781008.78        2.95675
         402468.88    3781008.78       2.97038                        402488.88
3781008.78        2.98650
         402508.88    3781008.78       3.00812                        401308.88
3781028.78        1.77765
         401328.88    3781028.78       1.81540                        401348.88
3781028.78        1.85719
         401368.88    3781028.78       1.89712                        401388.88
3781028.78        1.93493
         401408.88    3781028.78       1.98288                        401428.88
3781028.78        2.02297
         401448.88    3781028.78       2.06442                        401468.88
3781028.78        2.10966
         401488.88    3781028.78       2.14997                        401508.88
3781028.78        2.19254
         401528.88    3781028.78       2.23638                        401548.88
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3781028.78        2.27936
         401568.88    3781028.78        2.32314                    401588.88
3781028.78        2.36576
         401608.88    3781028.78        2.41116                    401628.88
3781028.78        2.45866
         401648.88    3781028.78        2.50029                    401668.88
3781028.78        2.54073
         401688.88    3781028.78        2.57968                    401708.88
3781028.78        2.61577
         401728.88    3781028.78        2.65146                    401748.88
3781028.78        2.68580
         401768.88    3781028.78        2.71738                    401788.88
3781028.78        2.74925
         401808.88    3781028.78        2.77931                    401828.88
3781028.78        2.81062
         401848.88    3781028.78        2.83968                    401868.88
3781028.78        2.86211
         401888.88    3781028.78        2.88744                    401908.88
3781028.78        2.90708
         401928.88    3781028.78        2.92583                    401948.88
3781028.78        2.94273
         401968.88    3781028.78        2.95630                    401988.88
3781028.78        2.96760
         402008.88    3781028.78        2.97709                    402028.88
3781028.78        2.98209
         402048.88    3781028.78        2.99017                    402068.88
3781028.78        2.99694
         402088.88    3781028.78        3.00072                    402108.88
3781028.78        3.00190
         402128.88    3781028.78        3.00404                    402148.88
3781028.78        3.00555
         402168.88    3781028.78        3.00386                    402188.88
3781028.78        3.00455
         402208.88    3781028.78        3.00515                    402228.88
3781028.78        3.00630
         402248.88    3781028.78        3.00582                    402268.88
3781028.78        3.00442
         402288.88    3781028.78        3.00335                    402308.88
3781028.78        3.00200
         402328.88    3781028.78        3.00272                    402348.88
3781028.78        3.00300
         402368.88    3781028.78        3.00494                    402388.88
3781028.78        3.00806
         402408.88    3781028.78        3.01266                    402428.88
3781028.78        3.01919
         402448.88    3781028.78        3.02816                    402468.88
3781028.78        3.03913
```

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402488.88   3781028.78   3.05367   402508.88
3781028.78   3.07214
        401308.88   3781048.78   1.81892   401328.88
3781048.78   1.86050
        401348.88   3781048.78   1.90265   401368.88
3781048.78   1.94466
        401388.88   3781048.78   1.98741   401408.88
3781048.78   2.03384
        401428.88   3781048.78   2.07964   401448.88
3781048.78   2.12582
        401468.88   3781048.78   2.17007   401488.88
3781048.78   2.21404
        401508.88   3781048.78   2.26512   401528.88
3781048.78   2.30939
        401548.88   3781048.78   2.35362   401568.88
3781048.78   2.39938
        401588.88   3781048.78   2.44596   401608.88
3781048.78   2.49925
        401628.88   3781048.78   2.55012   401648.88
3781048.78   2.59592
        401668.88   3781048.78   2.63632   401688.88
3781048.78   2.67439
        401708.88   3781048.78   2.71501   401728.88
3781048.78   2.75337

401748.88	3781048.78	2.78982	401768.88
3781048.78	2.82439		
401788.88	3781048.78	2.85858	401808.88
3781048.78	2.89021		
401828.88	3781048.78	2.92439	401848.88
3781048.78	2.95425		
401868.88	3781048.78	2.97919	401888.88
3781048.78	3.00464		
401908.88	3781048.78	3.02451	401928.88
3781048.78	3.04495		
401948.88	3781048.78	3.06201	401968.88
3781048.78	3.07421		
401988.88	3781048.78	3.08580	402008.88
3781048.78	3.09383		
402028.88	3781048.78	3.09659	402048.88
3781048.78	3.10666		
402068.88	3781048.78	3.11157	402088.88
3781048.78	3.11539		
402108.88	3781048.78	3.11452	402128.88
3781048.78	3.11640		
402148.88	3781048.78	3.11505	402168.88
3781048.78	3.11581		
402188.88	3781048.78	3.11276	402208.88
3781048.78	3.10962		
402228.88	3781048.78	3.10899	402248.88
3781048.78	3.10628		
402268.88	3781048.78	3.10259	402288.88
3781048.78	3.09943		
402308.88	3781048.78	3.09498	402328.88
3781048.78	3.09270		
402348.88	3781048.78	3.09129	402368.88
3781048.78	3.09070		
402388.88	3781048.78	3.09147	402408.88
3781048.78	3.09371		
402428.88	3781048.78	3.09782	402448.88
3781048.78	3.10405		
402468.88	3781048.78	3.11303	402488.88
3781048.78	3.12476		
402508.88	3781048.78	3.14093	401308.88
3781068.78	1.86313		
401328.88	3781068.78	1.90544	401348.88
3781068.78	1.95056		
401368.88	3781068.78	1.99492	401388.88
3781068.78	2.04266		
401408.88	3781068.78	2.09096	401428.88
3781068.78	2.14143		
401448.88	3781068.78	2.18776	401468.88
3781068.78	2.23392		
401488.88	3781068.78	2.28532	401508.88
3781068.78	2.33536		

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      401528.88    3781068.78        2.38701                      401548.88
3781068.78        2.43193
      401568.88    3781068.78        2.48242                      401588.88
3781068.78        2.53197
      401608.88    3781068.78        2.58879                      401628.88
3781068.78        2.64291
```

⬥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                                PAGE 228

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
```
      401648.88    3781068.78        2.69411                      401668.88
3781068.78        2.74233
      401688.88    3781068.78        2.78115                      401708.88
3781068.78        2.82140
      401728.88    3781068.78        2.86467                      401748.88
3781068.78        2.90236
      401768.88    3781068.78        2.93917                      401788.88
3781068.78        2.97594
      401808.88    3781068.78        3.01382                      401828.88
3781068.78        3.04832
      401848.88    3781068.78        3.08032                      401868.88
3781068.78        3.10623
      401888.88    3781068.78        3.13337                      401908.88
3781068.78        3.15290
      401928.88    3781068.78        3.17370                      401948.88
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3781068.78        3.19289
        401968.88    3781068.78        3.20849                    401988.88
3781068.78        3.21796
        402008.88    3781068.78        3.22715                    402028.88
3781068.78        3.22449
        402048.88    3781068.78        3.23553                    402068.88
3781068.78        3.23994
        402088.88    3781068.78        3.24158                    402108.88
3781068.78        3.23768
        402128.88    3781068.78        3.23759                    402148.88
3781068.78        3.23502
        402168.88    3781068.78        3.22987                    402188.88
3781068.78        3.22601
        402208.88    3781068.78        3.22204                    402228.88
3781068.78        3.21871
        402248.88    3781068.78        3.21342                    402268.88
3781068.78        3.20768
        402288.88    3781068.78        3.20158                    402308.88
3781068.78        3.19514
        402328.88    3781068.78        3.18958                    402348.88
3781068.78        3.18561
        402368.88    3781068.78        3.18328                    402388.88
3781068.78        3.18154
        402408.88    3781068.78        3.18093                    402428.88
3781068.78        3.18209
        402448.88    3781068.78        3.18548                    402468.88
3781068.78        3.19184
        402488.88    3781068.78        3.20149                    402508.88
3781068.78        3.21447
        401308.88    3781088.78        1.91010                    401328.88
3781088.78        1.95336
        401348.88    3781088.78        2.00031                    401368.88
3781088.78        2.04716
        401388.88    3781088.78        2.09973                    401408.88
3781088.78        2.14881
        401428.88    3781088.78        2.20390                    401448.88
3781088.78        2.25256
        401468.88    3781088.78        2.30249                    401488.88
3781088.78        2.35876
        401508.88    3781088.78        2.40953                    401528.88
3781088.78        2.46386
        401548.88    3781088.78        2.51524                    401568.88
3781088.78        2.57083
        401588.88    3781088.78        2.62468                    401608.88
3781088.78        2.68267
        401628.88    3781088.78        2.73717                    401648.88
3781088.78        2.79126
        401668.88    3781088.78        2.84479                    401688.88
3781088.78        2.89605
        401708.88    3781088.78        2.93496                    401728.88
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```
3781088.78        2.97946
         401748.88    3781088.78         3.02347                         401768.88
3781088.78        3.06352
         401788.88    3781088.78         3.10341                         401808.88
3781088.78        3.14342
         401828.88    3781088.78         3.18127                         401848.88
3781088.78        3.21567
         401868.88    3781088.78         3.24392                         401888.88
3781088.78        3.27190
         401908.88    3781088.78         3.29441                         401928.88
3781088.78        3.31465
         401948.88    3781088.78         3.33151                         401968.88
3781088.78        3.34353
         401988.88    3781088.78         3.35546                         402008.88
3781088.78        3.36285
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 229
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402028.88   3781088.78   3.36306   402048.88
3781088.78   3.37290
         402068.88   3781088.78   3.37924   402088.88
3781088.78   3.37490
         402108.88   3781088.78   3.37243   402128.88
3781088.78   3.36819
```

```
        402148.88    3781088.78        3.36260                402168.88
3781088.78      3.35430
        402188.88    3781088.78        3.34908                402208.88
3781088.78      3.34380
        402228.88    3781088.78        3.33789                402248.88
3781088.78      3.33022
        402268.88    3781088.78        3.32213                402288.88
3781088.78      3.31361
        402308.88    3781088.78        3.30342                402328.88
3781088.78      3.29514
        402348.88    3781088.78        3.28801                402368.88
3781088.78      3.28202
        402388.88    3781088.78        3.27843                402408.88
3781088.78      3.27481
        402428.88    3781088.78        3.27306                402448.88
3781088.78      3.27335
        402468.88    3781088.78        3.27671                402488.88
3781088.78      3.28332
        402508.88    3781088.78        3.29345                401308.88
3781108.78      1.95734
        401328.88    3781108.78        2.00550                401348.88
3781108.78      2.05319
        401368.88    3781108.78        2.10265                401388.88
3781108.78      2.15922
        401408.88    3781108.78        2.21112                401428.88
3781108.78      2.26830
        401448.88    3781108.78        2.32028                401468.88
3781108.78      2.37657
        401488.88    3781108.78        2.43784                401508.88
3781108.78      2.49052
        401528.88    3781108.78        2.54901                401548.88
3781108.78      2.60252
        401568.88    3781108.78        2.66370                401588.88
3781108.78      2.72239
        401608.88    3781108.78        2.78237                401628.88
3781108.78      2.84294
        401648.88    3781108.78        2.90332                401668.88
3781108.78      2.96379
        401688.88    3781108.78        3.01828                401708.88
3781108.78      3.05755
        401728.88    3781108.78        3.10808                401748.88
3781108.78      3.15466
        401768.88    3781108.78        3.19917                401788.88
3781108.78      3.24362
        401808.88    3781108.78        3.28779                401828.88
3781108.78      3.32680
        401848.88    3781108.78        3.36355                401868.88
3781108.78      3.39356
        401888.88    3781108.78        3.42497                401908.88
3781108.78      3.44728
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        401928.88    3781108.78        3.46955                        401948.88
3781108.78        3.48692
        401968.88    3781108.78        3.49673                        401988.88
3781108.78        3.50110
        402008.88    3781108.78        3.51267                        402028.88
3781108.78        3.51331
        402048.88    3781108.78        3.52511                        402068.88
3781108.78        3.52642
        402088.88    3781108.78        3.52158                        402108.88
3781108.78        3.51701
        402128.88    3781108.78        3.51222                        402148.88
3781108.78        3.50763
        402168.88    3781108.78        3.49196                        402188.88
3781108.78        3.48639
        402208.88    3781108.78        3.47639                        402228.88
3781108.78        3.46761
        402248.88    3781108.78        3.45701                        402268.88
3781108.78        3.44465
        402288.88    3781108.78        3.43289                        402308.88
3781108.78        3.41949
        402328.88    3781108.78        3.40910                        402348.88
3781108.78        3.39892
        402368.88    3781108.78        3.39126                        402388.88
3781108.78        3.38362
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 230
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                        ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

    X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)

```
Y-COORD (M)          CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        402408.88    3781108.78      3.37604                    402428.88
3781108.78      3.37049
        402448.88    3781108.78      3.36826                    402468.88
3781108.78      3.36783
        402488.88    3781108.78      3.37147                    402508.88
3781108.78      3.37844
        401308.88    3781128.78      2.00558                    401328.88
3781128.78      2.05677
        401348.88    3781128.78      2.10826                    401368.88
3781128.78      2.16027
        401388.88    3781128.78      2.22043                    401408.88
3781128.78      2.27904
        401428.88    3781128.78      2.33811                    401448.88
3781128.78      2.39290
        401468.88    3781128.78      2.45319                    401488.88
3781128.78      2.51871
        401508.88    3781128.78      2.57940                    401528.88
3781128.78      2.64217
        401548.88    3781128.78      2.69545                    401568.88
3781128.78      2.76216
        401588.88    3781128.78      2.82347                    401608.88
3781128.78      2.88978
        401628.88    3781128.78      2.95442                    401648.88
3781128.78      3.02091
        401668.88    3781128.78      3.08046                    401688.88
3781128.78      3.13853
        401708.88    3781128.78      3.19170                    401728.88
3781128.78      3.24697
        401748.88    3781128.78      3.29915                    401768.88
3781128.78      3.34803
        401788.88    3781128.78      3.39897                    401808.88
3781128.78      3.44352
        401828.88    3781128.78      3.48548                    401848.88
3781128.78      3.52773
        401868.88    3781128.78      3.55759                    401888.88
3781128.78      3.59103
        401908.88    3781128.78      3.61694                    401928.88
3781128.78      3.63696
        401948.88    3781128.78      3.65447                    401968.88
3781128.78      3.66218
        401988.88    3781128.78      3.67325                    402008.88
3781128.78      3.67550
        402028.88    3781128.78      3.68266                    402048.88
3781128.78      3.68632
        402068.88    3781128.78      3.68961                    402088.88
3781128.78      3.68226
        402108.88    3781128.78      3.67393                    402128.88
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3781128.78        3.66558
          402148.88    3781128.78        3.65293                        402168.88
3781128.78        3.64384
          402188.88    3781128.78        3.63340                        402208.88
3781128.78        3.62066
          402228.88    3781128.78        3.60786                        402248.88
3781128.78        3.59316
          402268.88    3781128.78        3.57786                        402288.88
3781128.78        3.56141
          402308.88    3781128.78        3.54529                        402328.88
3781128.78        3.53311
          402348.88    3781128.78        3.51930                        402368.88
3781128.78        3.50573
          402388.88    3781128.78        3.49392                        402408.88
3781128.78        3.48485
          402428.88    3781128.78        3.47546                        402448.88
3781128.78        3.47031
          402468.88    3781128.78        3.46624                        402488.88
3781128.78        3.46632
          402508.88    3781128.78        3.47009                        401308.88
3781148.78        2.05595
          401328.88    3781148.78        2.11227                        401348.88
3781148.78        2.16936
          401368.88    3781148.78        2.22065                        401388.88
3781148.78        2.27955
          401408.88    3781148.78        2.34568                        401428.88
3781148.78        2.40814
          401448.88    3781148.78        2.46881                        401468.88
3781148.78        2.53306
          401488.88    3781148.78        2.60640                        401508.88
3781148.78        2.66894
          401528.88    3781148.78        2.73332                        401548.88
3781148.78        2.79382
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                         INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
             L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
             L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
             L0000022   , L0000023   , L0000024   , L0000025   , L0000026

, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- - - - - - - - - - - - - - - - - - - -
        401568.88   3781148.78   2.86555   401588.88
3781148.78   2.93543
        401608.88   3781148.78   3.00554   401628.88
3781148.78   3.07632
        401648.88   3781148.78   3.14396   401668.88
3781148.78   3.20864
        401688.88   3781148.78   3.27178   401708.88
3781148.78   3.33403
        401728.88   3781148.78   3.39405   401748.88
3781148.78   3.45252
        401768.88   3781148.78   3.50836   401788.88
3781148.78   3.56297
        401808.88   3781148.78   3.61231   401828.88
3781148.78   3.65848
        401848.88   3781148.78   3.70106   401868.88
3781148.78   3.73655
        401888.88   3781148.78   3.76764   401908.88
3781148.78   3.79410
        401928.88   3781148.78   3.81664   401948.88
3781148.78   3.83323
        401968.88   3781148.78   3.84286   401988.88
3781148.78   3.85432
        402008.88   3781148.78   3.85755   402028.88
3781148.78   3.86358
        402048.88   3781148.78   3.86340   402068.88
3781148.78   3.86256
        402088.88   3781148.78   3.85535   402108.88
3781148.78   3.84643
        402128.88   3781148.78   3.83537   402148.88
3781148.78   3.82138
        402168.88   3781148.78   3.80720   402188.88
3781148.78   3.79130
        402208.88   3781148.78   3.77424   402228.88
3781148.78   3.75560
        402248.88   3781148.78   3.73677   402268.88
3781148.78   3.71765
        402288.88   3781148.78   3.69834   402308.88
3781148.78   3.67970

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        402328.88    3781148.78         3.66211                              402348.88
3781148.78        3.64455
        402368.88    3781148.78         3.62797                              402388.88
3781148.78        3.61283
        402408.88    3781148.78         3.59930                              402428.88
3781148.78        3.58798
        402448.88    3781148.78         3.57868                              402468.88
3781148.78        3.57189
        402488.88    3781148.78         3.56852                              402508.88
3781148.78        3.56923
        401308.88    3781168.78         2.10659                              401328.88
3781168.78        2.16577
        401348.88    3781168.78         2.22684                              401368.88
3781168.78        2.28303
        401388.88    3781168.78         2.34955                              401408.88
3781168.78        2.41669
        401428.88    3781168.78         2.48348                              401448.88
3781168.78        2.54753
        401468.88    3781168.78         2.61793                              401488.88
3781168.78        2.69332
        401508.88    3781168.78         2.76205                              401528.88
3781168.78        2.83624
        401548.88    3781168.78         2.89821                              401568.88
3781168.78        2.97999
        401588.88    3781168.78         3.05794                              401608.88
3781168.78        3.13552
        401628.88    3781168.78         3.20847                              401648.88
3781168.78        3.28746
        401668.88    3781168.78         3.35414                              401688.88
3781168.78        3.42188
        401708.88    3781168.78         3.49130                              401728.88
3781168.78        3.55551
        401748.88    3781168.78         3.62312                              401768.88
3781168.78        3.68526
        401788.88    3781168.78         3.74509                              401808.88
3781168.78        3.80142
        401828.88    3781168.78         3.85079                              401848.88
3781168.78        3.90197
        401868.88    3781168.78         3.93050                              401888.88
3781168.78        3.97496
        401908.88    3781168.78         4.00144                              401928.88
3781168.78        4.02064
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 232
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401948.88   3781168.78   4.03996   401968.88
3781168.78   4.05216
        401988.88   3781168.78   4.05892   402008.88
3781168.78   4.05797
        402028.88   3781168.78   4.06326   402048.88
3781168.78   4.06368
        402068.88   3781168.78   4.06079   402088.88
3781168.78   4.05039
        402108.88   3781168.78   4.04218   402128.88
3781168.78   4.02223
        402148.88   3781168.78   4.00482   402168.88
3781168.78   3.98714
        402188.88   3781168.78   3.96616   402208.88
3781168.78   3.94346
        402228.88   3781168.78   3.92524   402248.88
3781168.78   3.90201
        402268.88   3781168.78   3.87909   402288.88
3781168.78   3.85584
        402308.88   3781168.78   3.82717   402328.88
3781168.78   3.80918
        402348.88   3781168.78   3.78785   402368.88
3781168.78   3.76584
        402388.88   3781168.78   3.74723   402408.88
3781168.78   3.72886
        402428.88   3781168.78   3.71287   402448.88
3781168.78   3.69807
        402468.88   3781168.78   3.68799   402488.88
3781168.78   3.67852
        402508.88   3781168.78   3.67620   401308.88

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3781188.78        2.15981
        401328.88    3781188.78        2.22229                    401348.88
3781188.78        2.28673
        401368.88    3781188.78        2.34777                    401388.88
3781188.78        2.41806
        401408.88    3781188.78        2.48971                    401428.88
3781188.78        2.56241
        401448.88    3781188.78        2.63234                    401468.88
3781188.78        2.70581
        401488.88    3781188.78        2.78659                    401508.88
3781188.78        2.86153
        401528.88    3781188.78        2.94335                    401548.88
3781188.78        3.00928
        401568.88    3781188.78        3.09813                    401588.88
3781188.78        3.18262
        401608.88    3781188.78        3.26642                    401628.88
3781188.78        3.35236
        401648.88    3781188.78        3.43304                    401668.88
3781188.78        3.50595
        401688.88    3781188.78        3.58364                    401708.88
3781188.78        3.65864
        401728.88    3781188.78        3.73215                    401748.88
3781188.78        3.80636
        401768.88    3781188.78        3.87463                    401788.88
3781188.78        3.94123
        401808.88    3781188.78        3.99982                    401828.88
3781188.78        4.05586
        401848.88    3781188.78        4.11114                    401868.88
3781188.78        4.14643
        401888.88    3781188.78        4.19290                    401908.88
3781188.78        4.22515
        401928.88    3781188.78        4.24142                    401948.88
3781188.78        4.26050
        401968.88    3781188.78        4.27169                    401988.88
3781188.78        4.27884
        402008.88    3781188.78        4.27298                    402028.88
3781188.78        4.28069
        402048.88    3781188.78        4.28570                    402068.88
3781188.78        4.28079
        402088.88    3781188.78        4.26434                    402108.88
3781188.78        4.24921
        402128.88    3781188.78        4.22355                    402148.88
3781188.78        4.19925
        402168.88    3781188.78        4.17413                    402188.88
3781188.78        4.15572
        402208.88    3781188.78        4.12880                    402228.88
3781188.78        4.10513
        402248.88    3781188.78        4.07869                    402268.88
3781188.78        4.05283
        402288.88    3781188.78        4.01857                    402308.88
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3781188.78   3.98770

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

                                PAGE 233
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                               INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
               **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
       402328.88   3781188.78   3.96862   402348.88
3781188.78   3.94176
       402368.88   3781188.78   3.91442   402388.88
3781188.78   3.88942
       402408.88   3781188.78   3.86551   402428.88
3781188.78   3.84370
       402448.88   3781188.78   3.82579   402468.88
3781188.78   3.81152
       402488.88   3781188.78   3.79776   402508.88
3781188.78   3.79158
       401308.88   3781208.78   2.21578   401328.88
3781208.78   2.28141
       401348.88   3781208.78   2.35036   401368.88
3781208.78   2.41528
       401388.88   3781208.78   2.48948   401408.88
3781208.78   2.56532
       401428.88   3781208.78   2.64307   401448.88
3781208.78   2.72026
       401468.88   3781208.78   2.80115   401488.88
3781208.78   2.88477

401508.88	3781208.78	2.96750	401528.88	
3781208.78	3.05456			
401548.88	3781208.78	3.12817	401568.88	
3781208.78	3.22201			
401588.88	3781208.78	3.31523	401608.88	
3781208.78	3.41292			
401628.88	3781208.78	3.50342	401648.88	
3781208.78	3.58810			
401668.88	3781208.78	3.67190	401688.88	
3781208.78	3.75628			
401708.88	3781208.78	3.84143	401728.88	
3781208.78	3.92581			
401748.88	3781208.78	4.00976	401768.88	
3781208.78	4.08353			
401788.88	3781208.78	4.15704	401808.88	
3781208.78	4.22775			
401828.88	3781208.78	4.28492	401848.88	
3781208.78	4.34154			
401868.88	3781208.78	4.38344	401888.88	
3781208.78	4.42748			
401908.88	3781208.78	4.46731	401928.88	
3781208.78	4.48971			
401948.88	3781208.78	4.50802	401968.88	
3781208.78	4.52163			
401988.88	3781208.78	4.51643	402008.88	
3781208.78	4.50951			
402028.88	3781208.78	4.52317	402048.88	
3781208.78	4.52712			
402068.88	3781208.78	4.51963	402088.88	
3781208.78	4.49762			
402108.88	3781208.78	4.47778	402128.88	
3781208.78	4.45131			
402148.88	3781208.78	4.42024	402168.88	
3781208.78	4.39708			
402188.88	3781208.78	4.36599	402208.88	
3781208.78	4.33363			
402228.88	3781208.78	4.30239	402248.88	
3781208.78	4.26879			
402268.88	3781208.78	4.23576	402288.88	
3781208.78	4.20109			
402308.88	3781208.78	4.16355	402328.88	
3781208.78	4.13622			
402348.88	3781208.78	4.10795	402368.88	
3781208.78	4.07829			
402388.88	3781208.78	4.04620	402408.88	
3781208.78	4.01667			
402428.88	3781208.78	3.98834	402448.88	
3781208.78	3.96422			
402468.88	3781208.78	3.94441	402488.88	
3781208.78	3.92661			

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       402508.88    3781208.78        3.91598                         401308.88
3781228.78        2.27257
       401328.88    3781228.78        2.34216                         401348.88
3781228.78        2.41534
       401368.88    3781228.78        2.48634                         401388.88
3781228.78        2.56553
       401408.88    3781228.78        2.64723                         401428.88
3781228.78        2.73068
       401448.88    3781228.78        2.81246                         401468.88
3781228.78        2.89771
```
↥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                            PAGE 234
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                           ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
       401488.88   3781228.78   2.98954   401508.88
3781228.78   3.07946
       401528.88   3781228.78   3.17453   401548.88
3781228.78   3.25416
       401568.88   3781228.78   3.35146   401588.88
3781228.78   3.45709
       401608.88   3781228.78   3.56264   401628.88
3781228.78   3.66422
       401648.88   3781228.78   3.76005   401668.88
3781228.78   3.85327
       401688.88   3781228.78   3.94516   401708.88
```

| | | | |
|---|---|---|---|
| 3781228.78 | 4.04370 | | |
| 401728.88 | 3781228.78 | 4.14016 | 401748.88 |
| 3781228.78 | 4.22739 | | |
| 401768.88 | 3781228.78 | 4.31212 | 401788.88 |
| 3781228.78 | 4.39676 | | |
| 401808.88 | 3781228.78 | 4.46653 | 401828.88 |
| 3781228.78 | 4.53821 | | |
| 401848.88 | 3781228.78 | 4.59959 | 401868.88 |
| 3781228.78 | 4.64505 | | |
| 401888.88 | 3781228.78 | 4.69142 | 401908.88 |
| 3781228.78 | 4.73267 | | |
| 401928.88 | 3781228.78 | 4.76627 | 401948.88 |
| 3781228.78 | 4.78349 | | |
| 401968.88 | 3781228.78 | 4.78902 | 401988.88 |
| 3781228.78 | 4.78014 | | |
| 402008.88 | 3781228.78 | 4.77889 | 402028.88 |
| 3781228.78 | 4.78590 | | |
| 402048.88 | 3781228.78 | 4.79028 | 402068.88 |
| 3781228.78 | 4.78232 | | |
| 402088.88 | 3781228.78 | 4.76045 | 402108.88 |
| 3781228.78 | 4.73999 | | |
| 402128.88 | 3781228.78 | 4.69967 | 402148.88 |
| 3781228.78 | 4.66534 | | |
| 402168.88 | 3781228.78 | 4.63489 | 402188.88 |
| 3781228.78 | 4.59760 | | |
| 402208.88 | 3781228.78 | 4.55760 | 402228.88 |
| 3781228.78 | 4.51778 | | |
| 402248.88 | 3781228.78 | 4.47790 | 402268.88 |
| 3781228.78 | 4.43857 | | |
| 402288.88 | 3781228.78 | 4.39555 | 402308.88 |
| 3781228.78 | 4.35487 | | |
| 402328.88 | 3781228.78 | 4.32094 | 402348.88 |
| 3781228.78 | 4.28818 | | |
| 402368.88 | 3781228.78 | 4.25213 | 402388.88 |
| 3781228.78 | 4.21137 | | |
| 402408.88 | 3781228.78 | 4.17784 | 402428.88 |
| 3781228.78 | 4.14816 | | |
| 402448.88 | 3781228.78 | 4.11706 | 402468.88 |
| 3781228.78 | 4.09173 | | |
| 402488.88 | 3781228.78 | 4.06693 | 402508.88 |
| 3781228.78 | 4.05076 | | |
| 401308.88 | 3781248.78 | 2.33031 | 401328.88 |
| 3781248.78 | 2.40450 | | |
| 401348.88 | 3781248.78 | 2.48125 | 401368.88 |
| 3781248.78 | 2.56054 | | |
| 401388.88 | 3781248.78 | 2.64459 | 401408.88 |
| 3781248.78 | 2.73089 | | |
| 401428.88 | 3781248.78 | 2.81790 | 401448.88 |
| 3781248.78 | 2.90867 | | |
| 401468.88 | 3781248.78 | 3.00142 | 401488.88 |

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3781248.78        3.09758
        401508.88    3781248.78        3.19471                    401528.88
3781248.78        3.29694
        401548.88    3781248.78        3.38902                    401568.88
3781248.78        3.50650
        401588.88    3781248.78        3.61638                    401608.88
3781248.78        3.72830
        401628.88    3781248.78        3.83784                    401648.88
3781248.78        3.94384
        401668.88    3781248.78        4.04850                    401688.88
3781248.78        4.15525
        401708.88    3781248.78        4.26313                    401728.88
3781248.78        4.36733
        401748.88    3781248.78        4.47346                    401768.88
3781248.78        4.56450
        401788.88    3781248.78        4.65862                    401808.88
3781248.78        4.74457
        401828.88    3781248.78        4.81621                    401848.88
3781248.78        4.88605
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                            PAGE 235

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
             L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
             L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
             L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401868.88   3781248.78   4.93677   401888.88
3781248.78   4.99479

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     401908.88    3781248.78         5.04013                   401928.88
3781248.78        5.07249
     401948.88    3781248.78         5.08105                   401968.88
3781248.78        5.08412
     401988.88    3781248.78         5.08793                   402008.88
3781248.78        5.08300
     402028.88    3781248.78         5.08897                   402048.88
3781248.78        5.08614
     402068.88    3781248.78         5.07153                   402088.88
3781248.78        5.04659
     402108.88    3781248.78         5.01311                   402128.88
3781248.78        4.97804
     402148.88    3781248.78         4.93482                   402168.88
3781248.78        4.89459
     402188.88    3781248.78         4.85474                   402208.88
3781248.78        4.80765
     402228.88    3781248.78         4.75919                   402248.88
3781248.78        4.70854
     402268.88    3781248.78         4.66185                   402288.88
3781248.78        4.61363
     402308.88    3781248.78         4.56559                   402328.88
3781248.78        4.52572
     402348.88    3781248.78         4.49099                   402368.88
3781248.78        4.44262
     402388.88    3781248.78         4.39954                   402408.88
3781248.78        4.35660
     402428.88    3781248.78         4.31909                   402448.88
3781248.78        4.28037
     402468.88    3781248.78         4.25008                   402488.88
3781248.78        4.22035
     402508.88    3781248.78         4.20101                   401308.88
3781268.78        2.38825
     401328.88    3781268.78         2.46668                   401348.88
3781268.78        2.54684
     401368.88    3781268.78         2.63091                   401388.88
3781268.78        2.71933
     401408.88    3781268.78         2.81154                   401428.88
3781268.78        2.90643
     401448.88    3781268.78         3.00310                   401468.88
3781268.78        3.10240
     401488.88    3781268.78         3.20518                   401508.88
3781268.78        3.31129
     401528.88    3781268.78         3.41973                   401548.88
3781268.78        3.53093
     401568.88    3781268.78         3.65123                   401588.88
3781268.78        3.77053
     401608.88    3781268.78         3.89252                   401628.88
3781268.78        4.01552
     401648.88    3781268.78         4.13798                   401668.88
3781268.78        4.25969
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        401688.88     3781268.78        4.38175                            401708.88
3781268.78        4.50202
        401728.88     3781268.78        4.62033                            401748.88
3781268.78        4.73517
        401768.88     3781268.78        4.84607                            401788.88
3781268.78        4.94946
        401808.88     3781268.78        5.04451                            401828.88
3781268.78        5.12965
        401848.88     3781268.78        5.20481                            401868.88
3781268.78        5.26346
        401888.88     3781268.78        5.32749                            401908.88
3781268.78        5.37656
        401928.88     3781268.78        5.40825                            401948.88
3781268.78        5.41480
        401968.88     3781268.78        5.42809                            401988.88
3781268.78        5.43883
        402008.88     3781268.78        5.42142                            402028.88
3781268.78        5.43037
        402048.88     3781268.78        5.42240                            402068.88
3781268.78        5.40279
        402088.88     3781268.78        5.36595                            402108.88
3781268.78        5.33190
        402128.88     3781268.78        5.28409                            402148.88
3781268.78        5.23706
        402168.88     3781268.78        5.18458                            402188.88
3781268.78        5.13526
        402208.88     3781268.78        5.07942                            402228.88
3781268.78        5.02536
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 236
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402248.88	3781268.78	4.96466	402268.88	3781268.78	4.90571
402288.88	3781268.78	4.85053	402308.88	3781268.78	4.79693
402328.88	3781268.78	4.74948	402348.88	3781268.78	4.70032
402368.88	3781268.78	4.64992	402388.88	3781268.78	4.59895
402408.88	3781268.78	4.55101	402428.88	3781268.78	4.50456
402448.88	3781268.78	4.46072	402468.88	3781268.78	4.42445
402488.88	3781268.78	4.38889	402508.88	3781268.78	4.36542
401308.88	3781288.78	2.44912	401328.88	3781288.78	2.53103
401348.88	3781288.78	2.61727	401368.88	3781288.78	2.70452
401388.88	3781288.78	2.80086	401408.88	3781288.78	2.90283
401428.88	3781288.78	3.00455	401448.88	3781288.78	3.10675
401468.88	3781288.78	3.21310	401488.88	3781288.78	3.32784
401508.88	3781288.78	3.44409	401528.88	3781288.78	3.56465
401548.88	3781288.78	3.68245	401568.88	3781288.78	3.81986
401588.88	3781288.78	3.95281	401608.88	3781288.78	4.09253
401628.88	3781288.78	4.22255	401648.88	3781288.78	4.35345
401668.88	3781288.78	4.49146	401688.88	3781288.78	4.63198
401708.88	3781288.78	4.77410	401728.88	3781288.78	4.90110
401748.88	3781288.78	5.03116	401768.88	3781288.78	5.15501
401788.88	3781288.78	5.27784	401808.88	3781288.78	5.38448
401828.88	3781288.78	5.48431	401848.88	3781288.78	5.57420
401868.88	3781288.78	5.63141	401888.88		

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3781288.78         5.70881
         401908.88     3781288.78         5.76191                         401928.88
3781288.78         5.78168
         401948.88     3781288.78         5.80990                         401968.88
3781288.78         5.81515
         401988.88     3781288.78         5.81008                         402008.88
3781288.78         5.78760
         402028.88     3781288.78         5.78322                         402048.88
3781288.78         5.77865
         402068.88     3781288.78         5.77497                         402088.88
3781288.78         5.74110
         402108.88     3781288.78         5.68523                         402128.88
3781288.78         5.62648
         402148.88     3781288.78         5.56733                         402168.88
3781288.78         5.50677
         402188.88     3781288.78         5.44669                         402208.88
3781288.78         5.38091
         402228.88     3781288.78         5.31414                         402248.88
3781288.78         5.25125
         402268.88     3781288.78         5.17797                         402288.88
3781288.78         5.11468
         402308.88     3781288.78         5.05302                         402328.88
3781288.78         4.99464
         402348.88     3781288.78         4.94040                         402368.88
3781288.78         4.88219
         402388.88     3781288.78         4.82142                         402408.88
3781288.78         4.76913
         402428.88     3781288.78         4.71020                         402448.88
3781288.78         4.66205
         402468.88     3781288.78         4.61584                         402488.88
3781288.78         4.57408
         402508.88     3781288.78         4.55011                         401308.88
3781308.78         2.51357
         401328.88     3781308.78         2.59961                         401348.88
3781308.78         2.69221
         401368.88     3781308.78         2.78349                         401388.88
3781308.78         2.88719
```

                          PAGE 237
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010

, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

         X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
  -
- -
          401408.88   3781308.78   2.99712   401428.88
3781308.78   3.10207
          401448.88   3781308.78   3.21358   401468.88
3781308.78   3.33178
          401488.88   3781308.78   3.45763   401508.88
3781308.78   3.58560
          401528.88   3781308.78   3.71861   401548.88
3781308.78   3.84363
          401568.88   3781308.78   3.99136   401588.88
3781308.78   4.14160
          401608.88   3781308.78   4.28339   401628.88
3781308.78   4.43533
          401648.88   3781308.78   4.58747   401668.88
3781308.78   4.74151
          401688.88   3781308.78   4.89654   401708.88
3781308.78   5.05481
          401728.88   3781308.78   5.20280   401748.88
3781308.78   5.35094
          401768.88   3781308.78   5.50147   401788.88
3781308.78   5.63755
          401808.88   3781308.78   5.76280   401828.88
3781308.78   5.87422
          401848.88   3781308.78   5.96541   401868.88
3781308.78   6.04660
          401888.88   3781308.78   6.12566   401908.88
3781308.78   6.18055
          401928.88   3781308.78   6.20011   401948.88
3781308.78   6.24756
          401968.88   3781308.78   6.23088   401988.88
3781308.78   6.23877
          402008.88   3781308.78   6.22506   402028.88
3781308.78   6.20443
          402048.88   3781308.78   6.18609   402068.88
3781308.78   6.17927

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      402088.88     3781308.78          6.14338                        402108.88
3781308.78      6.07326
      402128.88     3781308.78          6.01327                        402148.88
3781308.78      5.94999
      402168.88     3781308.78          5.87557                        402188.88
3781308.78      5.79892
      402208.88     3781308.78          5.71565                        402228.88
3781308.78      5.63766
      402248.88     3781308.78          5.55976                        402268.88
3781308.78      5.48604
      402288.88     3781308.78          5.41240                        402308.88
3781308.78      5.33840
      402328.88     3781308.78          5.27063                        402348.88
3781308.78      5.20916
      402368.88     3781308.78          5.14024                        402388.88
3781308.78      5.07396
      402408.88     3781308.78          5.00629                        402428.88
3781308.78      4.94381
      402448.88     3781308.78          4.88934                        402468.88
3781308.78      4.83310
      402488.88     3781308.78          4.78131                        402508.88
3781308.78      4.76097
      401308.88     3781328.78          2.57596                        401328.88
3781328.78      2.66955
      401348.88     3781328.78          2.76866                        401368.88
3781328.78      2.86395
      401388.88     3781328.78          2.97431                        401408.88
3781328.78      3.09148
      401428.88     3781328.78          3.20573                        401448.88
3781328.78      3.32948
      401468.88     3781328.78          3.45674                        401488.88
3781328.78      3.59052
      401508.88     3781328.78          3.73535                        401528.88
3781328.78      3.87631
      401548.88     3781328.78          4.01526                        401568.88
3781328.78      4.18027
      401588.88     3781328.78          4.34798                        401608.88
3781328.78      4.51310
      401628.88     3781328.78          4.68161                        401648.88
3781328.78      4.86132
      401668.88     3781328.78          5.02414                        401688.88
3781328.78      5.21087
      401708.88     3781328.78          5.38497                        401728.88
3781328.78      5.55259
      401748.88     3781328.78          5.71229                        401768.88
3781328.78      5.88797
```
⬧ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401788.88   3781328.78   6.04378   401808.88
3781328.78   6.18749
        401828.88   3781328.78   6.33260   401848.88
3781328.78   6.42193
        401868.88   3781328.78   6.51821   401888.88
3781328.78   6.61036
        401908.88   3781328.78   6.66209   401928.88
3781328.78   6.72152
        401948.88   3781328.78   6.77943   401968.88
3781328.78   6.77209
        401988.88   3781328.78   6.75251   402008.88
3781328.78   6.73787
        402028.88   3781328.78   6.70043   402048.88
3781328.78   6.65461
        402068.88   3781328.78   6.63840   402088.88
3781328.78   6.59840
        402108.88   3781328.78   6.51275   402128.88
3781328.78   6.45574
        402148.88   3781328.78   6.35362   402168.88
3781328.78   6.27255
        402188.88   3781328.78   6.18274   402208.88
3781328.78   6.08986
        402228.88   3781328.78   6.00027   402248.88
3781328.78   5.91029
        402268.88   3781328.78   5.82510   402288.88

3781328.78	5.73864		
402308.88	3781328.78	5.65452	402328.88
3781328.78	5.58125		
402348.88	3781328.78	5.51342	402368.88
3781328.78	5.42810		
402388.88	3781328.78	5.34179	402408.88
3781328.78	5.27256		
402428.88	3781328.78	5.20911	402448.88
3781328.78	5.13680		
402468.88	3781328.78	5.07222	402488.88
3781328.78	5.01362		
402508.88	3781328.78	4.99944	401308.88
3781348.78	2.63790		
401328.88	3781348.78	2.73717	401348.88
3781348.78	2.84200		
401368.88	3781348.78	2.94605	401388.88
3781348.78	3.06283		
401408.88	3781348.78	3.18881	401428.88
3781348.78	3.31515		
401448.88	3781348.78	3.44340	401468.88
3781348.78	3.58455		
401488.88	3781348.78	3.73633	401508.88
3781348.78	3.89084		
401528.88	3781348.78	4.05438	401548.88
3781348.78	4.19436		
401568.88	3781348.78	4.38094	401588.88
3781348.78	4.55547		
401608.88	3781348.78	4.74937	401628.88
3781348.78	4.93545		
401648.88	3781348.78	5.12918	401668.88
3781348.78	5.33005		
401688.88	3781348.78	5.52759	401708.88
3781348.78	5.73423		
401728.88	3781348.78	5.93125	401748.88
3781348.78	6.12613		
401768.88	3781348.78	6.31662	401788.88
3781348.78	6.49130		
401808.88	3781348.78	6.66217	401828.88
3781348.78	6.82112		
401848.88	3781348.78	6.95417	401868.88
3781348.78	7.05766		
401888.88	3781348.78	7.16641	401908.88
3781348.78	7.23249		
401928.88	3781348.78	7.28986	401948.88
3781348.78	7.32843		
401968.88	3781348.78	7.33679	401988.88
3781348.78	7.32374		
402008.88	3781348.78	7.29939	402028.88
3781348.78	7.26686		
402048.88	3781348.78	7.20872	402068.88

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3781348.78        7.16489
         402088.88    3781348.78        7.11157                          402108.88
3781348.78        7.03985
         402128.88    3781348.78        6.94427                          402148.88
3781348.78        6.84135
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                             ***   05:36:20

                             PAGE 239
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                 *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402168.88   3781348.78   6.73605   402188.88
3781348.78   6.63165
         402208.88   3781348.78   6.51276   402228.88
3781348.78   6.41821
         402248.88   3781348.78   6.31905   402268.88
3781348.78   6.20805
         402288.88   3781348.78   6.11391   402308.88
3781348.78   6.01135
         402328.88   3781348.78   5.92249   402348.88
3781348.78   5.83524
         402368.88   3781348.78   5.74350   402388.88
3781348.78   5.64858
         402408.88   3781348.78   5.56696   402428.88
3781348.78   5.49816
         402448.88   3781348.78   5.41807   402468.88
3781348.78   5.34627
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402488.88	3781348.78	5.28147	402508.88
3781348.78	5.26965		
401308.88	3781368.78	2.70137	401328.88
3781368.78	2.80606		
401348.88	3781368.78	2.91764	401368.88
3781368.78	3.02942		
401388.88	3781368.78	3.15147	401408.88
3781368.78	3.28532		
401428.88	3781368.78	3.42210	401448.88
3781368.78	3.56359		
401468.88	3781368.78	3.71274	401488.88
3781368.78	3.87980		
401508.88	3781368.78	4.04548	401528.88
3781368.78	4.22438		
401548.88	3781368.78	4.38454	401568.88
3781368.78	4.58907		
401588.88	3781368.78	4.78970	401608.88
3781368.78	4.99533		
401628.88	3781368.78	5.20941	401648.88
3781368.78	5.42967		
401668.88	3781368.78	5.65932	401688.88
3781368.78	5.88933		
401708.88	3781368.78	6.12896	401728.88
3781368.78	6.35857		
401748.88	3781368.78	6.58904	401768.88
3781368.78	6.80925		
401788.88	3781368.78	7.02118	401808.88
3781368.78	7.21918		
401828.88	3781368.78	7.39423	401848.88
3781368.78	7.55156		
401868.88	3781368.78	7.67945	401888.88
3781368.78	7.79855		
401908.88	3781368.78	7.87912	401928.88
3781368.78	7.94669		
401948.88	3781368.78	7.98776	401968.88
3781368.78	8.01064		
401988.88	3781368.78	7.96167	402008.88
3781368.78	7.94910		
402028.88	3781368.78	7.89358	402048.88
3781368.78	7.81427		
402068.88	3781368.78	7.75610	402088.88
3781368.78	7.69133		
402108.88	3781368.78	7.61542	402128.88
3781368.78	7.50884		
402148.88	3781368.78	7.39126	402168.88
3781368.78	7.26809		
402188.88	3781368.78	7.11104	402208.88
3781368.78	6.98369		
402228.88	3781368.78	6.85670	402248.88
3781368.78	6.75161		

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        402268.88    3781368.78        6.63839                        402288.88
3781368.78        6.52499
        402308.88    3781368.78        6.41525                        402328.88
3781368.78        6.31011
        402348.88    3781368.78        6.21763                        402368.88
3781368.78        6.10036
        402388.88    3781368.78        6.00262                        402408.88
3781368.78        5.91188
        402428.88    3781368.78        5.83146                        402448.88
3781368.78        5.75377
        402468.88    3781368.78        5.64875                        402488.88
3781368.78        5.59883
        402508.88    3781368.78        5.56662                        401308.88
3781388.78        2.76561
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 240
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401328.88   3781388.78   2.87605   401348.88
3781388.78   2.99309
        401368.88   3781388.78   3.11329   401388.88
3781388.78   3.24315
        401408.88   3781388.78   3.38587   401428.88
3781388.78   3.53170
        401448.88   3781388.78   3.68476   401468.88
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| | | | |
|---|---|---|---|
| 3781388.78 | 3.84961 | | |
| 401488.88 | 3781388.78 | 4.02977 | 401508.88 |
| 3781388.78 | 4.21402 | | |
| 401528.88 | 3781388.78 | 4.40522 | 401548.88 |
| 3781388.78 | 4.58441 | | |
| 401568.88 | 3781388.78 | 4.81048 | 401588.88 |
| 3781388.78 | 5.02898 | | |
| 401608.88 | 3781388.78 | 5.26341 | 401628.88 |
| 3781388.78 | 5.50528 | | |
| 401648.88 | 3781388.78 | 5.75384 | 401668.88 |
| 3781388.78 | 6.03302 | | |
| 401688.88 | 3781388.78 | 6.29617 | 401708.88 |
| 3781388.78 | 6.56382 | | |
| 401728.88 | 3781388.78 | 6.84540 | 401748.88 |
| 3781388.78 | 7.09999 | | |
| 401768.88 | 3781388.78 | 7.37289 | 401788.88 |
| 3781388.78 | 7.62571 | | |
| 401808.88 | 3781388.78 | 7.85454 | 401828.88 |
| 3781388.78 | 8.06661 | | |
| 401848.88 | 3781388.78 | 8.25565 | 401868.88 |
| 3781388.78 | 8.39592 | | |
| 401888.88 | 3781388.78 | 8.56571 | 401908.88 |
| 3781388.78 | 8.65633 | | |
| 401928.88 | 3781388.78 | 8.70512 | 401948.88 |
| 3781388.78 | 8.77302 | | |
| 401968.88 | 3781388.78 | 8.76873 | 401988.88 |
| 3781388.78 | 8.74535 | | |
| 402008.88 | 3781388.78 | 8.68928 | 402028.88 |
| 3781388.78 | 8.63464 | | |
| 402048.88 | 3781388.78 | 8.55131 | 402068.88 |
| 3781388.78 | 8.48526 | | |
| 402088.88 | 3781388.78 | 8.38260 | 402108.88 |
| 3781388.78 | 8.28357 | | |
| 402128.88 | 3781388.78 | 8.16455 | 402148.88 |
| 3781388.78 | 8.02349 | | |
| 402168.88 | 3781388.78 | 7.85651 | 402188.88 |
| 3781388.78 | 7.70222 | | |
| 402208.88 | 3781388.78 | 7.53091 | 402228.88 |
| 3781388.78 | 7.40681 | | |
| 402248.88 | 3781388.78 | 7.27215 | 402268.88 |
| 3781388.78 | 7.12679 | | |
| 402288.88 | 3781388.78 | 7.00701 | 402308.88 |
| 3781388.78 | 6.87516 | | |
| 402328.88 | 3781388.78 | 6.76106 | 402348.88 |
| 3781388.78 | 6.64420 | | |
| 402368.88 | 3781388.78 | 6.51525 | 402388.88 |
| 3781388.78 | 6.41065 | | |
| 402408.88 | 3781388.78 | 6.31538 | 402428.88 |
| 3781388.78 | 6.23126 | | |
| 402448.88 | 3781388.78 | 6.15343 | 402468.88 |

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3781388.78   6.01598
         402488.88   3781388.78   5.97884   402508.88
3781388.78   5.94436
         401308.88   3781408.78   2.83051   401328.88
3781408.78   2.94814
         401348.88   3781408.78   3.07178   401368.88
3781408.78   3.19716
         401388.88   3781408.78   3.33655   401408.88
3781408.78   3.49081
         401428.88   3781408.78   3.64666   401448.88
3781408.78   3.81112
         401468.88   3781408.78   3.98727   401488.88
3781408.78   4.18205
         401508.88   3781408.78   4.37772   401528.88
3781408.78   4.59252
         401548.88   3781408.78   4.79361   401568.88
3781408.78   5.04439
         401588.88   3781408.78   5.31251   401608.88
3781408.78   5.54500
         401628.88   3781408.78   5.81799   401648.88
3781408.78   6.11211
         401668.88   3781408.78   6.42073   401688.88
3781408.78   6.73246
```
♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20


                              PAGE 241
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL     ***
                              INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
                    L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
                    L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    , L0000028    , . . .     ,


                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                **


      X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)   Y-COORD (M)        CONC

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

| | | | | |
|---|---|---|---|---|
| 401708.88 | 3781408.78 | 7.05119 | 401728.88 | |
| 3781408.78 | 7.37832 | | | |
| 401748.88 | 3781408.78 | 7.68415 | 401768.88 | |
| 3781408.78 | 7.99371 | | | |
| 401788.88 | 3781408.78 | 8.30278 | 401808.88 | |
| 3781408.78 | 8.58066 | | | |
| 401828.88 | 3781408.78 | 8.84327 | 401848.88 | |
| 3781408.78 | 9.06803 | | | |
| 401868.88 | 3781408.78 | 9.24736 | 401888.88 | |
| 3781408.78 | 9.42423 | | | |
| 401908.88 | 3781408.78 | 9.55671 | 401928.88 | |
| 3781408.78 | 9.62929 | | | |
| 401948.88 | 3781408.78 | 9.67905 | 401968.88 | |
| 3781408.78 | 9.69611 | | | |
| 401988.88 | 3781408.78 | 9.67226 | 402008.88 | |
| 3781408.78 | 9.59488 | | | |
| 402028.88 | 3781408.78 | 9.51512 | 402048.88 | |
| 3781408.78 | 9.40830 | | | |
| 402068.88 | 3781408.78 | 9.28631 | 402088.88 | |
| 3781408.78 | 9.15987 | | | |
| 402108.88 | 3781408.78 | 9.04764 | 402128.88 | |
| 3781408.78 | 8.90887 | | | |
| 402148.88 | 3781408.78 | 8.73505 | 402168.88 | |
| 3781408.78 | 8.53507 | | | |
| 402188.88 | 3781408.78 | 8.35487 | 402208.88 | |
| 3781408.78 | 8.16368 | | | |
| 402228.88 | 3781408.78 | 8.00929 | 402248.88 | |
| 3781408.78 | 7.85179 | | | |
| 402268.88 | 3781408.78 | 7.71689 | 402288.88 | |
| 3781408.78 | 7.56521 | | | |
| 402308.88 | 3781408.78 | 7.40967 | 402328.88 | |
| 3781408.78 | 7.27141 | | | |
| 402348.88 | 3781408.78 | 7.13721 | 402368.88 | |
| 3781408.78 | 6.98919 | | | |
| 402388.88 | 3781408.78 | 6.87735 | 402408.88 | |
| 3781408.78 | 6.77717 | | | |
| 402428.88 | 3781408.78 | 6.68641 | 402448.88 | |
| 3781408.78 | 6.58236 | | | |
| 402468.88 | 3781408.78 | 6.45145 | 402488.88 | |
| 3781408.78 | 6.41017 | | | |
| 402508.88 | 3781408.78 | 6.35718 | 401308.88 | |
| 3781428.78 | 2.89042 | | | |
| 401328.88 | 3781428.78 | 3.01440 | 401348.88 | |
| 3781428.78 | 3.14608 | | | |
| 401368.88 | 3781428.78 | 3.28028 | 401388.88 | |
| 3781428.78 | 3.43192 | | | |
| 401408.88 | 3781428.78 | 3.59561 | 401428.88 | |
| 3781428.78 | 3.76690 | | | |

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        401448.88   3781428.78   3.94107   401468.88
3781428.78   4.13144
        401488.88   3781428.78   4.34002   401508.88
3781428.78   4.54971
        401528.88   3781428.78   4.78601   401548.88
3781428.78   5.01279
        401568.88   3781428.78   5.29037   401588.88
3781428.78   5.58910
        401608.88   3781428.78   5.87194   401628.88
3781428.78   6.18417
        401648.88   3781428.78   6.52532   401668.88
3781428.78   6.88126
        401688.88   3781428.78   7.21240   401708.88
3781428.78   7.58461
        401728.88   3781428.78   7.95455   401748.88
3781428.78   8.35214
        401768.88   3781428.78   8.73876   401788.88
3781428.78   9.10047
        401808.88   3781428.78   9.43877   401828.88
3781428.78   9.75981
        401848.88   3781428.78   10.04040   401868.88
3781428.78   10.26485
        401888.88   3781428.78   10.48541   401908.88
3781428.78   10.64901
        401928.88   3781428.78   10.79282   401948.88
3781428.78   10.88235
        401968.88   3781428.78   10.84773   401988.88
3781428.78   10.79702
        402008.88   3781428.78   10.65952   402028.88
3781428.78   10.54689
        402048.88   3781428.78   10.41374   402068.88
3781428.78   10.23226
```
♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                         ***        05:36:20

                        PAGE 242
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                        *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                        INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .      ,

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                                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
               **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         402088.88   3781428.78    10.07532                      402108.88
3781428.78     9.93549
         402128.88   3781428.78     9.75299                      402148.88
3781428.78     9.56834
         402168.88   3781428.78     9.33778                      402188.88
3781428.78     9.09934
         402208.88   3781428.78     8.89580                      402228.88
3781428.78     8.70538
         402248.88   3781428.78     8.52645                      402268.88
3781428.78     8.36945
         402288.88   3781428.78     8.20498                      402308.88
3781428.78     8.03897
         402328.88   3781428.78     7.89432                      402348.88
3781428.78     7.73267
         402368.88   3781428.78     7.57023                      402388.88
3781428.78     7.46044
         402408.88   3781428.78     7.35625                      402428.88
3781428.78     7.26228
         402448.88   3781428.78     7.14741                      402468.88
3781428.78     6.97476
         402488.88   3781428.78     6.89175                      402508.88
3781428.78     6.82430
         401308.88   3781448.78     2.94772                      401328.88
3781448.78     3.07770
         401348.88   3781448.78     3.21719                      401368.88
3781448.78     3.36136
         401388.88   3781448.78     3.52178                      401408.88
3781448.78     3.69591
         401428.88   3781448.78     3.87764                      401448.88
3781448.78     4.07010
         401468.88   3781448.78     4.27419                      401488.88
3781448.78     4.50754
         401508.88   3781448.78     4.73137                      401528.88
3781448.78     4.98913
         401548.88   3781448.78     5.24135                      401568.88
3781448.78     5.54865
         401588.88   3781448.78     5.88022                      401608.88
3781448.78     6.19483
         401628.88   3781448.78     6.56793                      401648.88
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3781448.78        6.94538
        401668.88    3781448.78         7.35630                        401688.88
3781448.78        7.78580
        401708.88    3781448.78         8.21025                        401728.88
3781448.78        8.65960
        401748.88    3781448.78         9.13003                        401768.88
3781448.78        9.58849
        401788.88    3781448.78        10.03983                        401808.88
3781448.78       10.45236
        401828.88    3781448.78        10.83964                        401848.88
3781448.78       11.21263
        401868.88    3781448.78        11.49688                        401888.88
3781448.78       11.76743
        401908.88    3781448.78        11.95670                        401928.88
3781448.78       12.11714
        401948.88    3781448.78        12.13531                        401968.88
3781448.78       12.15118
        401988.88    3781448.78        12.05849                        402008.88
3781448.78       11.94525
        402028.88    3781448.78        11.83044                        402048.88
3781448.78       11.64844
        402068.88    3781448.78        11.43825                        402088.88
3781448.78       11.21708
        402108.88    3781448.78        11.00541                        402128.88
3781448.78       10.80184
        402148.88    3781448.78        10.57919                        402168.88
3781448.78       10.28717
        402188.88    3781448.78        10.01945                        402208.88
3781448.78        9.75713
        402228.88    3781448.78         9.55284                        402248.88
3781448.78        9.34560
        402268.88    3781448.78         9.16416                        402288.88
3781448.78        8.99266
        402308.88    3781448.78         8.79703                        402328.88
3781448.78        8.63315
        402348.88    3781448.78         8.42139                        402368.88
3781448.78        8.28340
        402388.88    3781448.78         8.16031                        402408.88
3781448.78        8.05134
        402428.88    3781448.78         7.90763                        402448.88
3781448.78        7.78112
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                      PAGE 243
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION

```
VALUES FOR SOURCE GROUP: ALL        ***
                                INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                    L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                    L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .      ,


                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                **


        X-COORD (M)   Y-COORD (M)       CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
        402468.88    3781448.78       7.61334                     402488.88
3781448.78       7.55502
        402508.88    3781448.78       7.48128                     401308.88
3781468.78       3.00273
        401328.88    3781468.78       3.13921                     401348.88
3781468.78       3.28572
        401368.88    3781468.78       3.43941                     401388.88
3781468.78       3.60790
        401408.88    3781468.78       3.79212                     401428.88
3781468.78       3.98725
        401448.88    3781468.78       4.19417                     401468.88
3781468.78       4.41687
        401488.88    3781468.78       4.66500                     401508.88
3781468.78       4.91464
        401528.88    3781468.78       5.19987                     401548.88
3781468.78       5.47849
        401568.88    3781468.78       5.81977                     401588.88
3781468.78       6.18866
        401608.88    3781468.78       6.53660                     401628.88
3781468.78       6.96436
        401648.88    3781468.78       7.42571                     401668.88
3781468.78       7.89811
        401688.88    3781468.78       8.36515                     401708.88
3781468.78       8.89923
        401728.88    3781468.78       9.45288                     401748.88
3781468.78       10.04420
        401768.88    3781468.78       10.61889                    401788.88
3781468.78       11.17232
        401808.88    3781468.78       11.70506                    401828.88
3781468.78       12.20851
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     401848.88      3781468.78           12.65744                        401868.88
3781468.78       13.01425
     401888.88      3781468.78           13.35002                        401908.88
3781468.78       13.58086
     401928.88      3781468.78           13.65062                        401948.88
3781468.78       13.73283
     401968.88      3781468.78           13.75534                        401988.88
3781468.78       13.66358
     402008.88      3781468.78           13.51446                        402028.88
3781468.78       13.34704
     402048.88      3781468.78           13.11875                        402068.88
3781468.78       12.83936
     402088.88      3781468.78           12.57989                        402108.88
3781468.78       12.31421
     402128.88      3781468.78           12.04787                        402148.88
3781468.78       11.74019
     402168.88      3781468.78           11.44375                        402188.88
3781468.78       11.12568
     402208.88      3781468.78           10.79400                        402228.88
3781468.78       10.57067
     402248.88      3781468.78           10.32974                        402268.88
3781468.78       10.11316
     402288.88      3781468.78            9.93056                        402308.88
3781468.78        9.74030
     402328.88      3781468.78            9.55710                        402348.88
3781468.78        9.33759
     402368.88      3781468.78            9.18440                        402388.88
3781468.78        9.06631
     402408.88      3781468.78            8.94050                        402428.88
3781468.78        8.77655
     402448.88      3781468.78            8.58657                        402468.88
3781468.78        8.39054
     402488.88      3781468.78            8.31034                        402508.88
3781468.78        8.21839
     401308.88      3781488.78            3.05517                        401328.88
3781488.78        3.19792
     401348.88      3781488.78            3.35186                        401368.88
3781488.78        3.51470
     401388.88      3781488.78            3.69338                        401408.88
3781488.78        3.88756
     401428.88      3781488.78            4.09498                        401448.88
3781488.78        4.31716
     401468.88      3781488.78            4.55737                        401488.88
3781488.78        4.82466
     401508.88      3781488.78            5.09874                        401528.88
3781488.78        5.41159
     401548.88      3781488.78            5.72185                        401568.88
3781488.78        6.09605
     401588.88      3781488.78            6.49665                        401608.88
3781488.78        6.90054
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401628.88   3781488.78   7.37343   401648.88
3781488.78   7.89047
        401668.88   3781488.78   8.43731   401688.88
3781488.78   9.03365
        401708.88   3781488.78   9.67715   401728.88
3781488.78   10.34226
        401748.88   3781488.78   11.05315   401768.88
3781488.78   11.79699
        401788.88   3781488.78   12.51634   401808.88
3781488.78   13.21395
        401828.88   3781488.78   13.86805   401848.88
3781488.78   14.42402
        401868.88   3781488.78   14.91173   401888.88
3781488.78   15.36553
        401908.88   3781488.78   15.63554   401928.88
3781488.78   15.76077
        401948.88   3781488.78   15.83750   401968.88
3781488.78   15.82869
        401988.88   3781488.78   15.77265   402008.88
3781488.78   15.48693
        402028.88   3781488.78   15.24659   402048.88

3781488.78	14.94177		
402068.88	3781488.78	14.58559	402088.88
3781488.78	14.21733		
402108.88	3781488.78	13.90724	402128.88
3781488.78	13.51252		
402148.88	3781488.78	13.37293	402168.88
3781488.78	13.02080		
402188.88	3781488.78	12.64475	402208.88
3781488.78	12.07758		
402228.88	3781488.78	11.78288	402248.88
3781488.78	11.54447		
402268.88	3781488.78	11.34029	402288.88
3781488.78	11.21106		
402308.88	3781488.78	10.95978	402328.88
3781488.78	10.76501		
402348.88	3781488.78	10.55534	402368.88
3781488.78	10.42095		
402388.88	3781488.78	10.33050	402408.88
3781488.78	10.17172		
402428.88	3781488.78	9.93417	402448.88
3781488.78	9.76681		
402468.88	3781488.78	9.57415	402488.88
3781488.78	9.35189		
402508.88	3781488.78	9.39433	401308.88
3781508.78	3.10027		
401328.88	3781508.78	3.25149	401348.88
3781508.78	3.41314		
401368.88	3781508.78	3.58629	401388.88
3781508.78	3.77375		
401408.88	3781508.78	3.97820	401428.88
3781508.78	4.19964		
401448.88	3781508.78	4.43824	401468.88
3781508.78	4.69500		
401488.88	3781508.78	4.98372	401508.88
3781508.78	5.28724		
401528.88	3781508.78	5.62985	401548.88
3781508.78	5.96961		
401568.88	3781508.78	6.37774	401588.88
3781508.78	6.81673		
401608.88	3781508.78	7.29290	401628.88
3781508.78	7.82097		
401648.88	3781508.78	8.41479	401668.88
3781508.78	9.05963		
401688.88	3781508.78	9.75262	401708.88
3781508.78	10.54845		
401728.88	3781508.78	11.43766	401748.88
3781508.78	12.25927		
401768.88	3781508.78	13.22089	401788.88
3781508.78	14.13306		
401808.88	3781508.78	15.03647	401828.88

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     3781508.78      15.85911
        401848.88    3781508.78       16.67452                        401868.88
3781508.78      17.35255
        401888.88    3781508.78       17.88807                        401908.88
3781508.78      18.23006
        401928.88    3781508.78       18.24019                        401948.88
3781508.78      18.33441
        401968.88    3781508.78       18.38735                        401988.88
3781508.78      18.22098
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                             PAGE 245

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC

 -
 -
```
        402008.88    3781508.78       17.98382                        402028.88
3781508.78      17.65291
        402048.88    3781508.78       17.23460                        402068.88
3781508.78      16.81236
        402088.88    3781508.78       16.33052                        402108.88
3781508.78      15.86643
        402128.88    3781508.78       15.42554                        402148.88
3781508.78      15.12853
        402168.88    3781508.78       14.67847                        402188.88
3781508.78      14.28750
        402208.88    3781508.78       13.68429                        402228.88
3781508.78      13.38485
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        402248.88     3781508.78        13.12128                402268.88
3781508.78        12.88280
        402288.88     3781508.78        12.75190                402308.88
3781508.78        12.64147
        402328.88     3781508.78        12.40955                402348.88
3781508.78        12.27336
        402368.88     3781508.78        12.17794                402388.88
3781508.78        12.02818
        402408.88     3781508.78        11.85991                402428.88
3781508.78        11.56788
        402448.88     3781508.78        11.30368                402468.88
3781508.78        11.15016
        402488.88     3781508.78        10.92899                402508.88
3781508.78        10.87435
        401308.88     3781528.78         3.14002                401328.88
3781528.78         3.29617
        401348.88     3781528.78         3.46365                401368.88
3781528.78         3.64897
        401388.88     3781528.78         3.84882                401408.88
3781528.78         4.06259
        401428.88     3781528.78         4.29801                401448.88
3781528.78         4.55150
        401468.88     3781528.78         4.82852                401488.88
3781528.78         5.13563
        401508.88     3781528.78         5.46418                401528.88
3781528.78         5.83323
        401548.88     3781528.78         6.21561                401568.88
3781528.78         6.66598
        401588.88     3781528.78         7.16140                401608.88
3781528.78         7.68475
        401628.88     3781528.78         8.28132                401648.88
3781528.78         8.96767
        401668.88     3781528.78         9.73139                401688.88
3781528.78        10.57467
        401708.88     3781528.78        11.53755                401728.88
3781528.78        12.63815
        401748.88     3781528.78        13.69542                401768.88
3781528.78        14.93859
        401788.88     3781528.78        16.23909                401808.88
3781528.78        17.49114
        401828.88     3781528.78        18.53736                401848.88
3781528.78        19.63291
        401868.88     3781528.78        20.59176                401888.88
3781528.78        21.27479
        401908.88     3781528.78        21.67410                401928.88
3781528.78        22.01199
        401948.88     3781528.78        22.17330                401968.88
3781528.78        22.06707
        401988.88     3781528.78        21.86633                402008.88
3781528.78        21.29953
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        402028.88    3781528.78         20.82716                        402048.88
3781528.78        20.25176
        402068.88    3781528.78         19.68179                        402088.88
3781528.78        19.05159
        402108.88    3781528.78         18.47003                        402128.88
3781528.78        17.92029
        402148.88    3781528.78         17.39414                        402168.88
3781528.78        16.86797
        402188.88    3781528.78         16.41561                        402208.88
3781528.78        15.85154
        402228.88    3781528.78         15.67710                        402248.88
3781528.78        15.49974
        402268.88    3781528.78         15.39137                        402288.88
3781528.78        15.35200
        402308.88    3781528.78         15.20323                        402328.88
3781528.78        15.06782
        402348.88    3781528.78         15.43558                        402368.88
3781528.78        14.95688
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 246
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
          **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402388.88   3781528.78   14.81798   402408.88
3781528.78   14.61447
        402428.88   3781528.78   14.41577   402448.88

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3781528.78        14.13382
        402468.88      3781528.78          14.48274                        402488.88
3781528.78        14.15699
        402508.88      3781528.78          13.13911                        401308.88
3781548.78         3.16932
        401328.88      3781548.78           3.32692                        401348.88
3781548.78         3.50381
        401368.88      3781548.78           3.70063                        401388.88
3781548.78         3.91078
        401408.88      3781548.78           4.13472                        401428.88
3781548.78         4.38160
        401448.88      3781548.78           4.65445                        401468.88
3781548.78         4.95421
        401488.88      3781548.78           5.28166                        401508.88
3781548.78         5.63280
        401528.88      3781548.78           6.03458                        401548.88
3781548.78         6.45816
        401568.88      3781548.78           6.95037                        401588.88
3781548.78         7.50483
        401608.88      3781548.78           8.13384                        401628.88
3781548.78         8.83692
        401648.88      3781548.78           9.60412                        401668.88
3781548.78        10.49413
        401688.88      3781548.78          11.48126                        401708.88
3781548.78        12.61225
        401728.88      3781548.78          13.96328                        401748.88
3781548.78        15.42110
        401768.88      3781548.78          17.15614                        401788.88
3781548.78        18.97071
        401808.88      3781548.78          20.76840                        401828.88
3781548.78        22.48564
        401848.88      3781548.78          23.95296                        401868.88
3781548.78        25.09743
        401888.88      3781548.78          26.00351                        401908.88
3781548.78        26.45367
        401928.88      3781548.78          26.82157                        401948.88
3781548.78        26.90473
        401968.88      3781548.78          26.72121                        401988.88
3781548.78        26.38440
        402008.88      3781548.78          25.83541                        402028.88
3781548.78        25.28078
        402048.88      3781548.78          24.50718                        402068.88
3781548.78        23.59973
        402088.88      3781548.78          22.66672                        402108.88
3781548.78        21.98118
        402128.88      3781548.78          21.28656                        402148.88
3781548.78        20.68778
        402168.88      3781548.78          20.18104                        402188.88
3781548.78        19.55455
        402208.88      3781548.78          18.98236                        402228.88
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3781548.78        18.87299
        402248.88    3781548.78        18.84330                        402268.88
3781548.78        19.13775
        402288.88    3781548.78        19.64347                        402308.88
3781548.78        19.73903
        402328.88    3781548.78        19.94941                        402348.88
3781548.78        20.95511
        402368.88    3781548.78        19.96995                        402388.88
3781548.78        20.22065
        402408.88    3781548.78        19.91928                        402428.88
3781548.78        19.59620
        402448.88    3781548.78        19.07887                        402468.88
3781548.78        19.14680
        402488.88    3781548.78        19.31760                        402508.88
3781548.78        18.16726
        401308.88    3781568.78         3.18634                        401328.88
3781568.78         3.34187
        401348.88    3781568.78         3.52878                        401368.88
3781568.78         3.73783
        401388.88    3781568.78         3.95527                        401408.88
3781568.78         4.19251
        401428.88    3781568.78         4.45181                        401448.88
3781568.78         4.74340
        401468.88    3781568.78         5.06297                        401488.88
3781568.78         5.41156
        401508.88    3781568.78         5.79647                        401528.88
3781568.78         6.22436
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3

```
                **


        X-COORD (M)    Y-COORD (M)        CONC                         X-COORD (M)
  Y-COORD (M)       CONC
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - -
          401548.88    3781568.78        6.69373                         401568.88
  3781568.78       7.23328
          401588.88    3781568.78        7.84154                         401608.88
  3781568.78       8.53780
          401628.88    3781568.78        9.33217                         401648.88
  3781568.78      10.19287
          401668.88    3781568.78       11.18080                         401688.88
  3781568.78      12.39417
          401708.88    3781568.78       13.81468                         401728.88
  3781568.78      15.59966
          401748.88    3781568.78       17.54041                         401768.88
  3781568.78      19.99358
          401788.88    3781568.78       22.72526                         401808.88
  3781568.78      25.52099
          401828.88    3781568.78       28.09293                         401848.88
  3781568.78      30.21662
          401868.88    3781568.78       31.82713                         401888.88
  3781568.78      33.08211
          401908.88    3781568.78       33.59529                         401928.88
  3781568.78      33.79607
          401948.88    3781568.78       34.07776                         401968.88
  3781568.78      33.86563
          401988.88    3781568.78       33.33362                         402008.88
  3781568.78      32.45660
          402028.88    3781568.78       31.66016                         402048.88
  3781568.78      30.79322
          402068.88    3781568.78       29.27076                         402088.88
  3781568.78      28.04556
          402108.88    3781568.78       27.08741                         402128.88
  3781568.78      26.34044
          402148.88    3781568.78       25.84541                         402168.88
  3781568.78      25.35634
          402188.88    3781568.78       24.87235                         402208.88
  3781568.78      24.12311
          402228.88    3781568.78       24.29250                         402248.88
  3781568.78      24.87473
          402268.88    3781568.78       26.72393                         402288.88
  3781568.78      29.16296
          402308.88    3781568.78       30.76834                         402328.88
  3781568.78      32.45818
          402348.88    3781568.78       34.33183                         402368.88
  3781568.78      33.65989
          402388.88    3781568.78       33.30509                         402408.88
  3781568.78      33.11246
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        402428.88    3781568.78      33.42955                        402448.88
3781568.78      32.45052
        402468.88    3781568.78      31.43504                        402488.88
3781568.78      32.44454
        402508.88    3781568.78      32.11451                        401308.88
3781588.78       3.18541
        401328.88    3781588.78       3.35427                        401348.88
3781588.78       3.53733
        401368.88    3781588.78       3.76246                        401388.88
3781588.78       3.98807
        401408.88    3781588.78       4.21518                        401428.88
3781588.78       4.49142
        401448.88    3781588.78       4.80389                        401468.88
3781588.78       5.14657
        401488.88    3781588.78       5.50499                        401508.88
3781588.78       5.94039
        401528.88    3781588.78       6.40374                        401548.88
3781588.78       6.91763
        401568.88    3781588.78       7.50398                        401588.88
3781588.78       8.17362
        401608.88    3781588.78       8.92719                        401628.88
3781588.78       9.79444
        401648.88    3781588.78      10.81874                        401668.88
3781588.78      11.98766
        401688.88    3781588.78      13.43246                        401708.88
3781588.78      15.18968
        401728.88    3781588.78      17.40857                        401748.88
3781588.78      20.12277
        401768.88    3781588.78      23.74882                        401788.88
3781588.78      28.35011
        401808.88    3781588.78      33.55372                        401828.88
3781588.78      38.13644
        401848.88    3781588.78      41.23273                        401868.88
3781588.78      43.08310
        401888.88    3781588.78      44.91810                        401908.88
3781588.78      45.45732
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,

```
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .      ,
```

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

```
      X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
       401928.88    3781588.78       45.47970                     401948.88
3781588.78       45.70584
       401968.88    3781588.78       45.43190                     401988.88
3781588.78       44.63775
       402008.88    3781588.78       43.63422                     402028.88
3781588.78       42.29083
       402048.88    3781588.78       40.50415                     402068.88
3781588.78       38.74547
       402088.88    3781588.78       36.72821                     402108.88
3781588.78       35.26291
       402128.88    3781588.78       35.59992                     402148.88
3781588.78       36.63155
       402168.88    3781588.78       36.77845                     402188.88
3781588.78       36.27655
       402208.88    3781588.78       35.56031                     402228.88
3781588.78       36.80803
       402248.88    3781588.78       41.21394                     402268.88
3781588.78       50.62166
       402288.88    3781588.78       57.84969                     402308.88
3781588.78       55.55353
       402328.88    3781588.78       50.19818                     402348.88
3781588.78       54.10033
       402368.88    3781588.78       53.74288                     402388.88
3781588.78       48.45076
       402408.88    3781588.78       54.18862                     402428.88
3781588.78       47.56753
       402448.88    3781588.78       52.21951                     402468.88
3781588.78       50.93366
       402488.88    3781588.78       50.02354                     402508.88
3781588.78       49.19585
       401308.88    3781608.78        3.18484                     401328.88
3781608.78        3.35361
       401348.88    3781608.78        3.54174                     401368.88
3781608.78        3.77080
       401388.88    3781608.78        3.98913                     401408.88
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3781608.78        4.23493
        401428.88    3781608.78        4.52354                        401448.88
3781608.78        4.85811
        401468.88    3781608.78        5.21242                        401488.88
3781608.78        5.58689
        401508.88    3781608.78        6.04881                        401528.88
3781608.78        6.54680
        401548.88    3781608.78        7.11477                        401568.88
3781608.78        7.74845
        401588.88    3781608.78        8.47472                        401608.88
3781608.78        9.30221
        401628.88    3781608.78       10.27247                        401648.88
3781608.78       11.41692
        401668.88    3781608.78       12.69839                        401688.88
3781608.78       14.41643
        401708.88    3781608.78       16.54981                        401728.88
3781608.78       19.25241
        401748.88    3781608.78       23.09600                        401768.88
3781608.78       28.52101
        401788.88    3781608.78       37.08591                        401808.88
3781608.78       49.90262
        401828.88    3781608.78       59.04644                        401848.88
3781608.78       64.59602
        401868.88    3781608.78       67.51657                        401888.88
3781608.78       70.17067
        401908.88    3781608.78       71.72162                        401928.88
3781608.78       71.06972
        401948.88    3781608.78       71.24495                        401968.88
3781608.78       70.41685
        401988.88    3781608.78       69.60055                        402008.88
3781608.78       67.71868
        402028.88    3781608.78       65.42483                        402048.88
3781608.78       63.11372
        402068.88    3781608.78       60.40180                        402088.88
3781608.78       55.46159
        402108.88    3781608.78       51.09371                        402128.88
3781608.78       61.06075
        402148.88    3781608.78       72.24650                        402168.88
3781608.78       63.40652
        402188.88    3781608.78       56.02030                        402208.88
3781608.78       60.09079
        402228.88    3781608.78       53.75850                        402248.88
3781608.78       65.89249
        402268.88    3781608.78       51.58145                        402288.88
3781608.78       40.48675
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
          402308.88   3781608.78   28.05863   402328.88
3781608.78   25.61827
          402348.88   3781608.78   31.49879   402368.88
3781608.78   30.97653
          402388.88   3781608.78   30.41330   402408.88
3781608.78   29.77623
          402428.88   3781608.78   29.26762   402448.88
3781608.78   29.07517
          402468.88   3781608.78   28.63569   402488.88
3781608.78   28.13145
          402508.88   3781608.78   27.52512   401308.88
3781628.78   3.17562
          401328.88   3781628.78   3.34643   401348.88
3781628.78   3.53523
          401368.88   3781628.78   3.75961   401388.88
3781628.78   3.99085
          401408.88   3781628.78   4.24500   401428.88
3781628.78   4.54488
          401448.88   3781628.78   4.88146   401468.88
3781628.78   5.25640
          401488.88   3781628.78   5.64991   401508.88
3781628.78   6.14807
          401528.88   3781628.78   6.66039   401548.88
3781628.78   7.27803
          401568.88   3781628.78   7.95290   401588.88
3781628.78   8.73401

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        401608.88    3781628.78        9.64709                        401628.88
3781628.78        10.71506
        401648.88    3781628.78       11.99379                        401668.88
3781628.78        13.53560
        401688.88    3781628.78       15.44621                        401708.88
3781628.78        17.97324
        401728.88    3781628.78       21.32108                        401748.88
3781628.78        26.17212
        401768.88    3781628.78       33.96731                        401788.88
3781628.78        50.71721
        402128.88    3781628.78       80.41458                        402148.88
3781628.78        54.64626
        402168.88    3781628.78       46.11877                        402188.88
3781628.78        42.60051
        402208.88    3781628.78       40.15440                        402228.88
3781628.78        36.95520
        402248.88    3781628.78       32.56737                        402268.88
3781628.78        28.49266
        402288.88    3781628.78       21.26113                        402308.88
3781628.78        17.93853
        402328.88    3781628.78       17.58194                        402348.88
3781628.78        21.12235
        402368.88    3781628.78       20.69781                        402388.88
3781628.78        18.25723
        402408.88    3781628.78       17.54721                        402428.88
3781628.78        19.08248
        402448.88    3781628.78       18.99030                        402468.88
3781628.78        18.72458
        402488.88    3781628.78       18.51127                        402508.88
3781628.78        18.17383
        401308.88    3781648.78        3.15014                        401328.88
3781648.78         3.33033
        401348.88    3781648.78        3.52177                        401368.88
3781648.78         3.73356
        401388.88    3781648.78        3.97958                        401408.88
3781648.78         4.24912
        401428.88    3781648.78        4.55294                        401448.88
3781648.78         4.88907
        401468.88    3781648.78        5.27571                        401488.88
3781648.78         5.70773
        401508.88    3781648.78        6.20496                        401528.88
3781648.78         6.76737
        401548.88    3781648.78        7.40206                        401568.88
3781648.78         8.12239
        401588.88    3781648.78        8.96070                        401608.88
3781648.78         9.93397
        401628.88    3781648.78       11.08168                        401648.88
3781648.78        12.47765
        401668.88    3781648.78       14.19502                        401688.88
3781648.78        16.34905
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        401708.88    3781648.78       19.20908                        401728.88
3781648.78       23.09535
        401748.88    3781648.78       28.89974                        401768.88
3781648.78       38.56292
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↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 250
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401788.88   3781648.78   60.29019   402108.88
3781648.78   88.39136
        402128.88   3781648.78   59.09020   402148.88
3781648.78   41.85078
        402168.88   3781648.78   34.62760   402188.88
3781648.78   30.82583
        402208.88   3781648.78   28.10016   402228.88
3781648.78   25.80442
        402248.88   3781648.78   23.64093   402268.88
3781648.78   18.41915
        402288.88   3781648.78   16.17303   402308.88
3781648.78   15.30178
        402328.88   3781648.78   16.08154   402348.88
3781648.78   16.92562
        402368.88   3781648.78   16.47757   402388.88
3781648.78   14.24665
        402408.88   3781648.78   13.48981   402428.88
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3781648.78	14.48961		
402448.88	3781648.78	14.33554	402468.88
3781648.78	14.34709		
402488.88	3781648.78	14.26948	402508.88
3781648.78	14.18861		
401308.88	3781668.78	3.11699	401328.88
3781668.78	3.29091		
401348.88	3781668.78	3.48137	401368.88
3781668.78	3.69124		
401388.88	3781668.78	3.93788	401408.88
3781668.78	4.22006		
401428.88	3781668.78	4.52468	401448.88
3781668.78	4.86597		
401468.88	3781668.78	5.27603	401488.88
3781668.78	5.72506		
401508.88	3781668.78	6.23796	401528.88
3781668.78	6.80546		
401548.88	3781668.78	7.48993	401568.88
3781668.78	8.21945		
401588.88	3781668.78	9.10978	401608.88
3781668.78	10.13074		
401628.88	3781668.78	11.39591	401648.88
3781668.78	12.89315		
401668.88	3781668.78	14.75746	401688.88
3781668.78	17.12583		
401708.88	3781668.78	20.28001	401728.88
3781668.78	24.61335		
401748.88	3781668.78	31.11306	401768.88
3781668.78	41.99266		
401788.88	3781668.78	65.72630	402108.88
3781668.78	83.23396		
402128.88	3781668.78	49.39972	402148.88
3781668.78	36.84520		
402168.88	3781668.78	30.27038	402188.88
3781668.78	26.03853		
402208.88	3781668.78	23.26065	402228.88
3781668.78	21.77165		
402248.88	3781668.78	19.64398	402268.88
3781668.78	16.14196		
402288.88	3781668.78	14.68958	402308.88
3781668.78	13.70937		
402328.88	3781668.78	14.07022	402348.88
3781668.78	14.19043		
402368.88	3781668.78	13.92610	402388.88
3781668.78	13.07051		
402408.88	3781668.78	11.94890	402428.88
3781668.78	12.22809		
402448.88	3781668.78	12.06954	402468.88
3781668.78	11.95229		
402488.88	3781668.78	11.75086	402508.88

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3781668.78       11.66666
        401308.88     3781688.78         3.09897                    401328.88
3781688.78        3.26938
        401348.88     3781688.78         3.46165                    401368.88
3781688.78        3.67001
        401388.88     3781688.78         3.91850                    401408.88
3781688.78        4.20630
        401428.88     3781688.78         4.53206                    401448.88
3781688.78        4.88127
        401468.88     3781688.78         5.28879                    401488.88
3781688.78        5.74761
        401508.88     3781688.78         6.27762                    401528.88
3781688.78        6.85759
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

                            PAGE 251

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401548.88   3781688.78   7.53514   401568.88
3781688.78   8.31416
        401588.88   3781688.78   9.23303   401608.88
3781688.78   10.30365
        401628.88   3781688.78   11.59359   401648.88
3781688.78   13.17255
        401668.88   3781688.78   15.14820   401688.88
3781688.78   17.66746

401708.88	3781688.78	21.00375	401728.88	
3781688.78	25.62874			
401748.88	3781688.78	32.39461	401768.88	
3781688.78	43.88589			
401788.88	3781688.78	68.76358	402088.88	
3781688.78	98.99179			
402108.88	3781688.78	63.53756	402128.88	
3781688.78	43.37023			
402148.88	3781688.78	33.69210	402168.88	
3781688.78	27.88701			
402188.88	3781688.78	24.00978	402208.88	
3781688.78	21.38738			
402228.88	3781688.78	19.12281	402248.88	
3781688.78	16.97589			
402268.88	3781688.78	15.54831	402288.88	
3781688.78	13.69919			
402308.88	3781688.78	12.84198	402328.88	
3781688.78	12.40154			
402348.88	3781688.78	12.30284	402368.88	
3781688.78	12.35865			
402388.88	3781688.78	11.47159	402408.88	
3781688.78	10.98287			
402428.88	3781688.78	10.78227	402448.88	
3781688.78	10.58908			
402468.88	3781688.78	10.39858	402488.88	
3781688.78	10.19600			
402508.88	3781688.78	9.98613	401308.88	
3781708.78	2.97055			
401328.88	3781708.78	3.12305	401348.88	
3781708.78	3.31585			
401368.88	3781708.78	3.52463	401388.88	
3781708.78	3.78133			
401408.88	3781708.78	4.06598	401428.88	
3781708.78	4.37761			
401448.88	3781708.78	4.74275	401468.88	
3781708.78	5.14510			
401488.88	3781708.78	5.61466	401508.88	
3781708.78	6.14611			
401528.88	3781708.78	6.81240	401548.88	
3781708.78	7.54867			
401568.88	3781708.78	8.34936	401588.88	
3781708.78	9.28801			
401608.88	3781708.78	10.37269	401628.88	
3781708.78	11.67427			
401648.88	3781708.78	13.28225	401668.88	
3781708.78	15.26507			
401688.88	3781708.78	17.94171	401708.88	
3781708.78	21.29073			
401728.88	3781708.78	26.13331	401748.88	
3781708.78	33.01348			

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        401768.88    3781708.78        44.57475                        401788.88
3781708.78        70.31535
        402088.88    3781708.78        75.14474                        402108.88
3781708.78        51.36137
        402128.88    3781708.78        38.59730                        402148.88
3781708.78        30.98486
        402168.88    3781708.78        25.94593                        402188.88
3781708.78        22.41754
        402208.88    3781708.78        19.98245                        402228.88
3781708.78        17.71315
        402248.88    3781708.78        15.70202                        402268.88
3781708.78        14.80792
        402288.88    3781708.78        13.17595                        402308.88
3781708.78        12.22226
        402328.88    3781708.78        11.54111                        402348.88
3781708.78        11.47961
        402368.88    3781708.78        11.22263                        402388.88
3781708.78        10.36339
        402408.88    3781708.78        10.14856                        402428.88
3781708.78         9.75991
        402448.88    3781708.78         9.45720                        402468.88
3781708.78         9.31003
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 252

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                        ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
    -

- -

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       402488.88    3781708.78        9.11724                402508.88
3781708.78      8.83339
       401308.88    3781728.78        2.93558                401328.88
3781728.78      3.10013
       401348.88    3781728.78        3.30057                401368.88
3781728.78      3.51634
       401388.88    3781728.78        3.76004                401408.88
3781728.78      4.04425
       401428.88    3781728.78        4.36234                401448.88
3781728.78      4.72135
       401468.88    3781728.78        5.12948                401488.88
3781728.78      5.58664
       401508.88    3781728.78        6.13409                401528.88
3781728.78      6.80938
       401548.88    3781728.78        7.52628                401568.88
3781728.78      8.32252
       401588.88    3781728.78        9.27740                401608.88
3781728.78      10.33716
       401628.88    3781728.78       11.66090                401648.88
3781728.78      13.26356
       401668.88    3781728.78       15.28500                401688.88
3781728.78      17.89415
       401708.88    3781728.78       21.40693                401728.88
3781728.78      26.22281
       401748.88    3781728.78       33.17929                401768.88
3781728.78      44.98142
       401788.88    3781728.78       70.90630                402088.88
3781728.78      57.03433
       402108.88    3781728.78       42.54849                402128.88
3781728.78      33.73727
       402148.88    3781728.78       28.14358                402168.88
3781728.78      24.06810
       402188.88    3781728.78       21.02839                402208.88
3781728.78      18.71747
       402228.88    3781728.78       16.80518                402248.88
3781728.78      15.17814
       402268.88    3781728.78       13.89975                402288.88
3781728.78      12.82341
       402308.88    3781728.78       11.83055                402328.88
3781728.78      11.19058
       402348.88    3781728.78       10.62928                402368.88
3781728.78      10.31190
       402388.88    3781728.78        9.74356                402408.88
3781728.78      9.46155
       402428.88    3781728.78        9.08556                402448.88
3781728.78      8.76323
       402468.88    3781728.78        8.49881                402488.88
3781728.78      8.29094
       402508.88    3781728.78        8.03385                401308.88
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3781748.78        2.88404
        401328.88    3781748.78        3.05125                    401348.88
3781748.78        3.24589
        401368.88    3781748.78        3.45828                    401388.88
3781748.78        3.70367
        401408.88    3781748.78        3.98297                    401428.88
3781748.78        4.28977
        401448.88    3781748.78        4.66581                    401468.88
3781748.78        5.05036
        401488.88    3781748.78        5.50949                    401508.88
3781748.78        6.05720
        401528.88    3781748.78        6.71392                    401548.88
3781748.78        7.45122
        401568.88    3781748.78        8.22748                    401588.88
3781748.78        9.17044
        401608.88    3781748.78        10.18776                   401628.88
3781748.78        11.48576
        401648.88    3781748.78        13.07057                   401668.88
3781748.78        15.03762
        401688.88    3781748.78        17.58631                   401708.88
3781748.78        21.05881
        401728.88    3781748.78        25.79171                   401748.88
3781748.78        32.54062
        401768.88    3781748.78        44.43452                   401788.88
3781748.78        70.54136
        402068.88    3781748.78        72.81071                   402088.88
3781748.78        49.21005
        402108.88    3781748.78        38.16712                   402128.88
3781748.78        31.89885
        402148.88    3781748.78        26.89754                   402168.88
3781748.78        23.13021
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

                        PAGE 253
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402188.88	3781748.78	20.21774	402208.88	3781748.78	17.90467
402228.88	3781748.78	16.09790	402248.88	3781748.78	14.64289
402268.88	3781748.78	13.43340	402288.88	3781748.78	12.41987
402308.88	3781748.78	11.47800	402328.88	3781748.78	10.77356
402348.88	3781748.78	10.19550	402368.88	3781748.78	9.67243
402388.88	3781748.78	9.22806	402408.88	3781748.78	8.84364
402428.88	3781748.78	8.50581	402448.88	3781748.78	8.12247
402468.88	3781748.78	7.92840	402488.88	3781748.78	7.65788
402508.88	3781748.78	7.45248	401308.88	3781768.78	2.82280
401328.88	3781768.78	2.98720	401348.88	3781768.78	3.17927
401368.88	3781768.78	3.37840	401388.88	3781768.78	3.63295
401408.88	3781768.78	3.89333	401428.88	3781768.78	4.18381
401448.88	3781768.78	4.54952	401468.88	3781768.78	4.92470
401488.88	3781768.78	5.36377	401508.88	3781768.78	5.91567
401528.88	3781768.78	6.61292	401548.88	3781768.78	7.30339
401568.88	3781768.78	8.09174	401588.88	3781768.78	8.98080
401608.88	3781768.78	10.01474	401628.88	3781768.78	11.27531
401648.88	3781768.78	12.80187	401668.88	3781768.78	14.76753
401688.88	3781768.78	17.23791	401708.88	3781768.78	20.54186
401728.88	3781768.78	25.03362	401748.88	3781768.78	31.72564

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        401768.88     3781768.78         43.57719                          401788.88
3781768.78        69.82291
        402068.88     3781768.78         62.02249                          402088.88
3781768.78        43.87944
        402108.88     3781768.78         35.67358                          402128.88
3781768.78        29.41072
        402148.88     3781768.78         25.09936                          402168.88
3781768.78        21.85667
        402188.88     3781768.78         19.28864                          402208.88
3781768.78        17.14258
        402228.88     3781768.78         15.40732                          402248.88
3781768.78        14.09593
        402268.88     3781768.78         12.98247                          402288.88
3781768.78        12.02646
        402308.88     3781768.78         11.15204                          402328.88
3781768.78        10.39614
        402348.88     3781768.78          9.88530                          402368.88
3781768.78         9.36891
        402388.88     3781768.78          8.88509                          402408.88
3781768.78         8.47164
        402428.88     3781768.78          8.10625                          402448.88
3781768.78         7.79545
        402468.88     3781768.78          7.53517                          402488.88
3781768.78         7.28068
        402508.88     3781768.78          7.06245                          401308.88
3781788.78         2.58703
        401328.88     3781788.78          2.73255                          401348.88
3781788.78         2.92292
        401368.88     3781788.78          3.14255                          401388.88
3781788.78         3.37288
        401408.88     3781788.78          3.65299                          401428.88
3781788.78         3.90516
        401448.88     3781788.78          4.27909                          401468.88
3781788.78         4.66326
        401488.88     3781788.78          5.07717                          401508.88
3781788.78         5.62745
        401528.88     3781788.78          6.35331                          401548.88
3781788.78         7.09311
        401568.88     3781788.78          7.87080                          401588.88
3781788.78         8.68352
```

⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                         PAGE 254
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***

                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        401608.88   3781788.78   9.65451   401628.88
3781788.78   10.81702
        401648.88   3781788.78   12.26670   401668.88
3781788.78   14.01218
        401688.88   3781788.78   16.01804   401708.88
3781788.78   18.87909
        401728.88   3781788.78   23.11508   401748.88
3781788.78   28.60077
        401768.88   3781788.78   41.64880   401788.88
3781788.78   67.90062
        402068.88   3781788.78   54.60862   402088.88
3781788.78   40.08710
        402108.88   3781788.78   32.45637   402128.88
3781788.78   27.15209
        402148.88   3781788.78   23.37188   402168.88
3781788.78   20.51420
        402188.88   3781788.78   18.23037   402208.88
3781788.78   16.25374
        402228.88   3781788.78   14.58679   402248.88
3781788.78   13.47686
        402268.88   3781788.78   12.45511   402288.88
3781788.78   11.52478
        402308.88   3781788.78   10.74613   402328.88
3781788.78   10.06421
        402348.88   3781788.78   9.50891   402368.88
3781788.78   9.10700
        402388.88   3781788.78   8.60368   402408.88
3781788.78   8.20100
        402428.88   3781788.78   7.84289   402448.88
3781788.78   7.51816
        402468.88   3781788.78   7.23444   402488.88

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3781788.78          6.97971
          402508.88     3781788.78          6.74293                          401308.88
3781808.78          2.52113
          401328.88     3781808.78          2.65216                          401348.88
3781808.78          2.82016
          401368.88     3781808.78          3.00818                          401388.88
3781808.78          3.21057
          401408.88     3781808.78          3.44814                          401428.88
3781808.78          3.74305
          401448.88     3781808.78          4.09394                          401468.88
3781808.78          4.46215
          401488.88     3781808.78          4.87473                          401508.88
3781808.78          5.38329
          401528.88     3781808.78          6.14038                          401548.88
3781808.78          6.84300
          401568.88     3781808.78          7.51126                          401588.88
3781808.78          8.30413
          401608.88     3781808.78          9.23387                          401628.88
3781808.78         10.22404
          401648.88     3781808.78         10.90212                          401668.88
3781808.78         12.10155
          401688.88     3781808.78         14.01408                          401708.88
3781808.78         16.84601
          401728.88     3781808.78         20.68778                          401748.88
3781808.78         26.69094
          401768.88     3781808.78         36.85247                          401788.88
3781808.78         64.75208
          402068.88     3781808.78         48.57422                          402088.88
3781808.78         35.35964
          402108.88     3781808.78         29.31427                          402128.88
3781808.78         25.01778
          402148.88     3781808.78         21.70445                          402168.88
3781808.78         19.19734
          402188.88     3781808.78         17.17207                          402208.88
3781808.78         15.36657
          402228.88     3781808.78         13.84330                          402248.88
3781808.78         12.74134
          402268.88     3781808.78         11.90999                          402288.88
3781808.78         11.05140
          402308.88     3781808.78         10.34428                          402328.88
3781808.78          9.73307
          402348.88     3781808.78          9.22656                          402368.88
3781808.78          8.81714
          402388.88     3781808.78          8.31432                          402408.88
3781808.78          7.93343
          402428.88     3781808.78          7.59584                          402448.88
3781808.78          7.28420
          402468.88     3781808.78          6.99300                          402488.88
3781808.78          6.75172
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        402508.88   3781808.78   6.51520   401308.88
3781828.78   2.45786
        401328.88   3781828.78   2.60548   401348.88
3781828.78   2.76942
        401368.88   3781828.78   2.94963   401388.88
3781828.78   3.14854
        401408.88   3781828.78   3.37365   401428.88
3781828.78   3.63646
        401448.88   3781828.78   3.96395   401468.88
3781828.78   4.34840
        401488.88   3781828.78   4.77831   401508.88
3781828.78   5.27975
        401528.88   3781828.78   5.88410   401548.88
3781828.78   6.55470
        401568.88   3781828.78   7.24823   401588.88
3781828.78   7.91282
        401608.88   3781828.78   8.31791   401628.88
3781828.78   8.90975
        401648.88   3781828.78   10.09732   401668.88
3781828.78   11.63515
        401688.88   3781828.78   13.60399   401708.88
3781828.78   16.26031

401728.88	3781828.78	19.77249	401748.88	
3781828.78	25.76550			
401768.88	3781828.78	35.03688	401788.88	
3781828.78	60.31663			
402068.88	3781828.78	39.21080	402088.88	
3781828.78	30.31746			
402108.88	3781828.78	25.89798	402128.88	
3781828.78	22.56229			
402148.88	3781828.78	20.06091	402168.88	
3781828.78	17.88661			
402188.88	3781828.78	16.10649	402208.88	
3781828.78	14.48777			
402228.88	3781828.78	12.98679	402248.88	
3781828.78	12.05631			
402268.88	3781828.78	11.28607	402288.88	
3781828.78	10.56082			
402308.88	3781828.78	9.90457	402328.88	
3781828.78	9.31810			
402348.88	3781828.78	8.83506	402368.88	
3781828.78	8.56418			
402388.88	3781828.78	8.06274	402408.88	
3781828.78	7.68111			
402428.88	3781828.78	7.38352	402448.88	
3781828.78	7.08267			
402468.88	3781828.78	6.79103	402488.88	
3781828.78	6.55774			
402508.88	3781828.78	6.32408	401308.88	
3781848.78	2.34624			
401328.88	3781848.78	2.48020	401348.88	
3781848.78	2.63608			
401368.88	3781848.78	2.80659	401388.88	
3781848.78	3.00096			
401408.88	3781848.78	3.21585	401428.88	
3781848.78	3.46773			
401448.88	3781848.78	3.76696	401468.88	
3781848.78	4.08242			
401488.88	3781848.78	4.54830	401508.88	
3781848.78	4.97526			
401528.88	3781848.78	5.55102	401548.88	
3781848.78	6.21305			
401568.88	3781848.78	6.61900	401588.88	
3781848.78	6.93374			
401608.88	3781848.78	7.63359	401628.88	
3781848.78	8.58171			
401648.88	3781848.78	9.73556	401668.88	
3781848.78	11.05239			
401688.88	3781848.78	12.63963	401708.88	
3781848.78	15.06784			
401728.88	3781848.78	18.50179	401748.88	
3781848.78	23.32758			

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      401768.88    3781848.78        31.66889                      401788.88
3781848.78      53.62618
      401908.88    3781848.78        65.42671                      401928.88
3781848.78      52.29486
      401948.88    3781848.78        46.40708                      401968.88
3781848.78      44.13034
      401988.88    3781848.78        42.96998                      402008.88
3781848.78      41.26682
```
↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 256
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
      402028.88   3781848.78   38.07107   402048.88
3781848.78   34.81507
      402068.88   3781848.78   29.25316   402088.88
3781848.78   25.18282
      402108.88   3781848.78   21.79817   402128.88
3781848.78   20.02524
      402148.88   3781848.78   18.00888   402168.88
3781848.78   16.53560
      402188.88   3781848.78   15.02114   402208.88
3781848.78   13.65015
      402228.88   3781848.78   12.36745   402248.88
3781848.78   11.40184
      402268.88   3781848.78   10.60889   402288.88
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3781848.78          9.99995
          402308.88     3781848.78          9.38655                         402328.88
3781848.78          8.90409
          402348.88     3781848.78          8.49131                         402368.88
3781848.78          8.25023
          402388.88     3781848.78          7.77596                         402408.88
3781848.78          7.43902
          402428.88     3781848.78          7.16361                         402448.88
3781848.78          6.87388
          402468.88     3781848.78          6.60875                         402488.88
3781848.78          6.37600
          402508.88     3781848.78          6.15392                         401308.88
3781868.78          2.24762
          401328.88     3781868.78          2.35070                         401348.88
3781868.78          2.49716
          401368.88     3781868.78          2.66088                         401388.88
3781868.78          2.84329
          401408.88     3781868.78          3.03362                         401428.88
3781868.78          3.22010
          401448.88     3781868.78          3.50515                         401468.88
3781868.78          3.80907
          401488.88     3781868.78          4.28081                         401508.88
3781868.78          4.76600
          401528.88     3781868.78          5.28698                         401548.88
3781868.78          5.86021
          401568.88     3781868.78          6.16435                         401588.88
3781868.78          6.67310
          401608.88     3781868.78          7.38162                         401628.88
3781868.78          8.17798
          401648.88     3781868.78          9.07460                         401668.88
3781868.78          10.24581
          401688.88     3781868.78          11.66507                        401708.88
3781868.78          12.34163
          401728.88     3781868.78          15.78824                        401748.88
3781868.78          18.87343
          401768.88     3781868.78          24.73011                        401788.88
3781868.78          40.69564
          401888.88     3781868.78          62.04234                        401908.88
3781868.78          43.13319
          401928.88     3781868.78          36.71802                        401948.88
3781868.78          32.98221
          401968.88     3781868.78          31.13323                        401988.88
3781868.78          29.54369
          402008.88     3781868.78          29.12670                        402028.88
3781868.78          26.90423
          402048.88     3781868.78          24.60026                        402068.88
3781868.78          23.04304
          402088.88     3781868.78          20.49467                        402108.88
3781868.78          18.45130
          402128.88     3781868.78          17.74523                        402148.88
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3781868.78        16.12846
          402168.88     3781868.78        14.75948                          402188.88
3781868.78        13.62597
          402208.88     3781868.78        12.68440                          402228.88
3781868.78        11.56480
          402248.88     3781868.78        10.69682                          402268.88
3781868.78         9.93346
          402288.88     3781868.78         9.35363                          402308.88
3781868.78         8.83142
          402328.88     3781868.78         8.38130                          402348.88
3781868.78         8.04717
          402368.88     3781868.78         7.89752                          402388.88
3781868.78         7.50102
          402408.88     3781868.78         7.22164                          402428.88
3781868.78         6.95229
          402448.88     3781868.78         6.68524                          402468.88
3781868.78         6.42991
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                                   PAGE 257

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
          402488.88   3781868.78   6.22465   402508.88
3781868.78   6.01544
          401308.88   3781888.78   2.03316   401328.88
3781888.78   2.12207

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        401348.88      3781888.78         2.23078                         401368.88
3781888.78        2.34830
        401388.88      3781888.78         2.48200                         401408.88
3781888.78        2.65150
        401428.88      3781888.78         2.83583                         401448.88
3781888.78        3.08527
        401468.88      3781888.78         3.35172                         401488.88
3781888.78        3.88576
        401508.88      3781888.78         4.27244                         401528.88
3781888.78        4.90937
        401548.88      3781888.78         5.48031                         401568.88
3781888.78        5.88300
        401588.88      3781888.78         6.40577                         401608.88
3781888.78        6.94422
        401628.88      3781888.78         7.65115                         401648.88
3781888.78        8.45211
        401668.88      3781888.78         8.73271                         401688.88
3781888.78        8.78943
        401708.88      3781888.78         9.88634                         401728.88
3781888.78       12.23696
        401748.88      3781888.78        16.13342                         401768.88
3781888.78       18.49630
        401788.88      3781888.78        24.37857                         401808.88
3781888.78       30.55017
        401828.88      3781888.78        44.26421                         401848.88
3781888.78       50.86109
        401868.88      3781888.78        47.20216                         401888.88
3781888.78       37.16858
        401908.88      3781888.78        30.42021                         401928.88
3781888.78       26.67632
        401948.88      3781888.78        23.87542                         401968.88
3781888.78       21.36304
        401988.88      3781888.78        20.71268                         402008.88
3781888.78       21.54110
        402028.88      3781888.78        20.38932                         402048.88
3781888.78       18.54351
        402068.88      3781888.78        17.83321                         402088.88
3781888.78       16.70555
        402108.88      3781888.78        15.65997                         402128.88
3781888.78       14.50737
        402148.88      3781888.78        14.16313                         402168.88
3781888.78       13.31597
        402188.88      3781888.78        12.36699                         402208.88
3781888.78       11.62496
        402228.88      3781888.78        10.83526                         402248.88
3781888.78        9.95396
        402268.88      3781888.78         9.13188                         402288.88
3781888.78        8.65954
        402308.88      3781888.78         8.26666                         402328.88
3781888.78        7.92442
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        402348.88    3781888.78         7.76174                        402368.88
3781888.78       7.51096
        402388.88    3781888.78         7.19249                        402408.88
3781888.78       6.95695
        402428.88    3781888.78         6.71703                        402448.88
3781888.78       6.47738
        402468.88    3781888.78         6.24073                        402488.88
3781888.78       6.03096
        402508.88    3781888.78         5.83646                        401308.88
3781908.78       1.98992
        401328.88    3781908.78         2.08804                        401348.88
3781908.78       2.19412
        401368.88    3781908.78         2.30860                        401388.88
3781908.78       2.43298
        401408.88    3781908.78         2.57196                        401428.88
3781908.78       2.73288
        401448.88    3781908.78         2.95073                        401468.88
3781908.78       3.23850
        401488.88    3781908.78         3.60097                        401508.88
3781908.78       4.08053
        401528.88    3781908.78         4.59272                        401548.88
3781908.78       4.99934
        401568.88    3781908.78         5.37239                        401588.88
3781908.78       5.97219
        401608.88    3781908.78         6.49878                        401628.88
3781908.78       6.70138
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 258
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                         ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

```
      X-COORD (M)   Y-COORD (M)      CONC                          X-COORD (M)
Y-COORD (M)        CONC
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        401648.88    3781908.78      6.54879                       401668.88
3781908.78      7.08759
        401688.88    3781908.78      8.00084                       401708.88
3781908.78      9.11965
        401728.88    3781908.78     10.51291                       401748.88
3781908.78     12.63939
        401768.88    3781908.78     13.89992                       401788.88
3781908.78     15.92728
        401808.88    3781908.78     18.53833                       401828.88
3781908.78     22.73226
        401848.88    3781908.78     24.42894                       401868.88
3781908.78     26.44708
        401888.88    3781908.78     23.99395                       401908.88
3781908.78     21.73497
        401928.88    3781908.78     19.12761                       401948.88
3781908.78     17.52084
        401968.88    3781908.78     16.29701                       401988.88
3781908.78     15.79360
        402008.88    3781908.78     15.28641                       402028.88
3781908.78     14.99231
        402048.88    3781908.78     14.42880                       402068.88
3781908.78     14.17452
        402088.88    3781908.78     13.66749                       402108.88
3781908.78     13.13253
        402128.88    3781908.78     12.36627                       402148.88
3781908.78     12.22747
        402168.88    3781908.78     11.96680                       402188.88
3781908.78     11.10008
        402208.88    3781908.78     10.60835                       402228.88
3781908.78      9.98966
        402248.88    3781908.78      9.28424                       402268.88
3781908.78      8.45419
        402288.88    3781908.78      7.90382                       402308.88
3781908.78      7.62999
        402328.88    3781908.78      7.37731                       402348.88
3781908.78      7.23829
        402368.88    3781908.78      7.03016                       402388.88
3781908.78      6.89224
        402408.88    3781908.78      6.64880                       402428.88
3781908.78      6.42738
        402448.88    3781908.78      6.21552                       402468.88
3781908.78      6.02103
        402488.88    3781908.78      5.83204                       402508.88
3781908.78      5.65320
        401308.88    3781928.78      1.87388                       401328.88
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3781928.78         1.97175
         401348.88     3781928.78          2.07085                        401368.88
3781928.78         2.18655
         401388.88     3781928.78          2.29948                        401408.88
3781928.78         2.41331
         401428.88     3781928.78          2.57141                        401448.88
3781928.78         2.72734
         401468.88     3781928.78          3.03921                        401488.88
3781928.78         3.37161
         401508.88     3781928.78          3.85242                        401528.88
3781928.78         4.15396
         401548.88     3781928.78          4.74179                        401568.88
3781928.78         5.04356
         401588.88     3781928.78          5.21988                        401608.88
3781928.78         5.13257
         401628.88     3781928.78          5.42105                        401648.88
3781928.78         6.00551
         401668.88     3781928.78          6.66279                        401688.88
3781928.78         7.47199
         401708.88     3781928.78          8.17482                        401728.88
3781928.78         8.91033
         401748.88     3781928.78          9.70128                        401768.88
3781928.78         9.86349
         401788.88     3781928.78          11.08320                       401808.88
3781928.78         12.96714
         401828.88     3781928.78          15.74129                       401848.88
3781928.78         16.62605
         401868.88     3781928.78          16.98579                       401888.88
3781928.78         16.03807
         401908.88     3781928.78          15.03866                       401928.88
3781928.78         14.19964
         401948.88     3781928.78          13.09046                       401968.88
3781928.78         12.21161
         401988.88     3781928.78          11.71393                       402008.88
3781928.78         11.67610
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                            PAGE 259
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
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, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .       ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)       CONC                        X-COORD (M)
Y-COORD (M)       CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
           402028.88    3781928.78       11.57307                  402048.88
3781928.78      11.38537
           402068.88    3781928.78       11.49460                  402088.88
3781928.78      11.26443
           402108.88    3781928.78       11.04108                  402128.88
3781928.78      10.62632
           402148.88    3781928.78       10.43157                  402168.88
3781928.78      10.62224
           402188.88    3781928.78       10.11509                  402208.88
3781928.78       9.76633
           402228.88    3781928.78        9.03751                  402248.88
3781928.78       8.57410
           402268.88    3781928.78        7.77492                  402288.88
3781928.78       7.22798
           402308.88    3781928.78        6.99725                  402328.88
3781928.78       6.68505
           402348.88    3781928.78        6.43774                  402368.88
3781928.78       6.18916
           402388.88    3781928.78        6.34227                  402408.88
3781928.78       6.32024
           402428.88    3781928.78        6.12596                  402448.88
3781928.78       5.94346
           402468.88    3781928.78        5.76679                  402488.88
3781928.78       5.59942
           402508.88    3781928.78        5.44003                  401308.88
3781948.78       1.82551
           401328.88    3781948.78        1.91973                  401348.88
3781948.78       2.01524
           401368.88    3781948.78        2.11933                  401388.88
3781948.78       2.22510
           401408.88    3781948.78        2.33519                  401428.88
3781948.78       2.47262
           401448.88    3781948.78        2.59054                  401468.88
3781948.78       2.76628
           401488.88    3781948.78        3.01952                  401508.88
3781948.78       3.54313
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      401528.88     3781948.78        4.05187                               401548.88
3781948.78        4.02065
      401568.88     3781948.78        3.88359                               401588.88
3781948.78        4.30452
      401608.88     3781948.78        4.65365                               401628.88
3781948.78        5.14293
      401648.88     3781948.78        5.68230                               401668.88
3781948.78        6.13841
      401688.88     3781948.78        6.51221                               401708.88
3781948.78        6.99825
      401728.88     3781948.78        7.70240                               401748.88
3781948.78        7.56353
      401768.88     3781948.78        7.75600                               401788.88
3781948.78        8.27500
      401808.88     3781948.78       10.07418                               401828.88
3781948.78       11.91943
      401848.88     3781948.78       12.43501                               401868.88
3781948.78       12.03994
      401888.88     3781948.78       11.59834                               401908.88
3781948.78       10.99072
      401928.88     3781948.78       10.45962                               401948.88
3781948.78        9.81663
      401968.88     3781948.78        9.13230                               401988.88
3781948.78        8.81910
      402008.88     3781948.78        8.99461                               402028.88
3781948.78        9.14043
      402048.88     3781948.78        9.05128                               402068.88
3781948.78        9.37935
      402088.88     3781948.78        9.29613                               402108.88
3781948.78        9.28592
      402128.88     3781948.78        8.98820                               402148.88
3781948.78        8.69282
      402168.88     3781948.78        9.45158                               402188.88
3781948.78        9.20163
      402208.88     3781948.78        8.74971                               402228.88
3781948.78        8.24358
      402248.88     3781948.78        7.88599                               402268.88
3781948.78        7.32466
      402288.88     3781948.78        6.80007                               402308.88
3781948.78        6.41517
      402328.88     3781948.78        6.11647                               402348.88
3781948.78        5.90259
      402368.88     3781948.78        5.62349                               402388.88
3781948.78        5.67415
```

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   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .       ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

      X-COORD (M)   Y-COORD (M)       CONC                    X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
        402408.88    3781948.78       5.93168                 402428.88
3781948.78       5.77440
        402448.88    3781948.78       5.62115                 402468.88
3781948.78       5.46779
        402488.88    3781948.78       5.31151                 402508.88
3781948.78       5.17328
        401308.88    3781968.78       1.55366                 401328.88
3781968.78       1.61496
        401348.88    3781968.78       1.68224                 401368.88
3781968.78       1.74946
        401388.88    3781968.78       1.82339                 401408.88
3781968.78       1.90363
        401428.88    3781968.78       1.99681                 401448.88
3781968.78       2.26762
        401468.88    3781968.78       2.45921                 401488.88
3781968.78       2.58747
        401508.88    3781968.78       3.26757                 401528.88
3781968.78       3.38420
        401548.88    3781968.78       3.32454                 401568.88
3781968.78       3.64504
        401588.88    3781968.78       3.95369                 401608.88
3781968.78       4.37142
        401628.88    3781968.78       4.74758                 401648.88
3781968.78       4.96049
        401668.88    3781968.78       5.45566                 401688.88
3781968.78       5.81774
        401708.88    3781968.78       5.97856                 401728.88
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3781968.78        5.70069
        401748.88    3781968.78        6.00746                    401768.88
3781968.78        6.20952
        401788.88    3781968.78        6.46177                    401808.88
3781968.78        7.71363
        401828.88    3781968.78        9.51907                    401848.88
3781968.78        9.83248
        401868.88    3781968.78        9.35106                    401888.88
3781968.78        8.70782
        401908.88    3781968.78        8.22517                    401928.88
3781968.78        7.75851
        401948.88    3781968.78        7.41970                    401968.88
3781968.78        7.25466
        401988.88    3781968.78        7.13913                    402008.88
3781968.78        7.23328
        402028.88    3781968.78        7.30096                    402048.88
3781968.78        7.42150
        402068.88    3781968.78        7.37073                    402088.88
3781968.78        7.34076
        402108.88    3781968.78        7.72241                    402128.88
3781968.78        7.51671
        402148.88    3781968.78        7.44809                    402168.88
3781968.78        8.43980
        402188.88    3781968.78        8.30209                    402208.88
3781968.78        7.73605
        402228.88    3781968.78        7.46155                    402248.88
3781968.78        7.13429
        402268.88    3781968.78        6.92568                    402288.88
3781968.78        6.61899
        402308.88    3781968.78        6.09492                    402328.88
3781968.78        5.58793
        402348.88    3781968.78        5.30846                    402368.88
3781968.78        5.07012
        402388.88    3781968.78        5.12884                    402408.88
3781968.78        5.51653
        402428.88    3781968.78        5.38710                    402448.88
3781968.78        5.25869
        402468.88    3781968.78        5.13462                    402488.88
3781968.78        5.03587
        402508.88    3781968.78        4.90815                    401308.88
3781988.78        1.48999
        401328.88    3781988.78        1.54700                    401348.88
3781988.78        1.60941
        401368.88    3781988.78        1.67956                    401388.88
3781988.78        1.75415
        401408.88    3781988.78        1.82973                    401428.88
3781988.78        1.93871
        401448.88    3781988.78        2.09610                    401468.88
3781988.78        2.15490
        401488.88    3781988.78        2.35452                    401508.88
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3781988.78        3.04212
        401528.88     3781988.78          2.88029                        401548.88
3781988.78        3.16623
♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        05:36:20


                               PAGE 261
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL     ***
                               INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003   , L0000004   , L0000005    ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013    ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021    ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .      ,


                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                               ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


      X-COORD (M)    Y-COORD (M)       CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        401568.88     3781988.78        3.39404                        401588.88
3781988.78        3.65528
        401608.88     3781988.78        3.86574                        401628.88
3781988.78        4.21918
        401648.88     3781988.78        4.54189                        401668.88
3781988.78        4.54398
        401688.88     3781988.78        4.20463                        401708.88
3781988.78        4.04510
        401728.88     3781988.78        4.30705                        401748.88
3781988.78        4.87685
        401768.88     3781988.78        4.82123                        401788.88
3781988.78        5.09743
        401808.88     3781988.78        5.80390                        401828.88
3781988.78        7.67933
        401848.88     3781988.78        7.74514                        401868.88
3781988.78        7.36028
        401888.88     3781988.78        6.72778                        401908.88
3781988.78        6.32781
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      401928.88    3781988.78         6.20562                    401948.88
3781988.78        6.12582
      401968.88    3781988.78         6.10105                    401988.88
3781988.78        6.07334
      402008.88    3781988.78         6.09566                    402028.88
3781988.78        6.10697
      402048.88    3781988.78         6.33519                    402068.88
3781988.78        6.28085
      402088.88    3781988.78         6.22089                    402108.88
3781988.78        6.23368
      402128.88    3781988.78         6.34498                    402148.88
3781988.78        6.62065
      402168.88    3781988.78         7.47488                    402188.88
3781988.78        7.32514
      402208.88    3781988.78         6.92277                    402228.88
3781988.78        6.66642
      402248.88    3781988.78         6.36503                    402268.88
3781988.78        6.06979
      402288.88    3781988.78         5.78849                    402308.88
3781988.78        5.34437
      402328.88    3781988.78         4.82931                    402348.88
3781988.78        4.74595
      402368.88    3781988.78         4.57473                    402388.88
3781988.78        4.59099
      402408.88    3781988.78         5.11198                    402428.88
3781988.78        5.03075
      402448.88    3781988.78         4.88153                    402468.88
3781988.78        4.78261
      402488.88    3781988.78         4.67655                    402508.88
3781988.78        4.57850
      401308.88    3782008.78         1.42471                    401328.88
3782008.78        1.47686
      401348.88    3782008.78         1.53773                    401368.88
3782008.78        1.58510
      401388.88    3782008.78         1.63887                    401408.88
3782008.78        1.71203
      401428.88    3782008.78         1.82379                    401448.88
3782008.78        1.90252
      401468.88    3782008.78         1.95402                    401488.88
3782008.78        2.23457
      401508.88    3782008.78         2.69950                    401528.88
3782008.78        2.75920
      401548.88    3782008.78         2.88507                    401568.88
3782008.78        3.07423
      401588.88    3782008.78         3.29478                    401608.88
3782008.78        3.53737
      401628.88    3782008.78         3.55627                    401648.88
3782008.78        3.32058
      401668.88    3782008.78         3.16157                    401688.88
3782008.78        3.24491
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      401708.88    3782008.78        3.45046                        401728.88
3782008.78      3.87423
      401748.88    3782008.78        4.07214                        401768.88
3782008.78      4.09438
      401788.88    3782008.78        4.31644                        401808.88
3782008.78      5.05519
      401828.88    3782008.78        5.65883                        401848.88
3782008.78      5.76460
      401868.88    3782008.78        5.26390                        401888.88
3782008.78      5.06984
      401908.88    3782008.78        5.03790                        401928.88
3782008.78      5.17365
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                         PAGE 262
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
      401948.88   3782008.78   5.11949   401968.88
3782008.78   5.10050
      401988.88   3782008.78   5.13123   402008.88
3782008.78   5.09504
      402028.88   3782008.78   5.13205   402048.88
3782008.78   5.25096
      402068.88   3782008.78   5.40762   402088.88
3782008.78   5.52988
      402108.88   3782008.78   5.46814   402128.88
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| | | | |
|---|---|---|---|
| 3782008.78 | 5.45784 | | |
| 402148.88 | 3782008.78 | 6.29903 | 402168.88 |
| 3782008.78 | 6.55259 | | |
| 402188.88 | 3782008.78 | 6.56733 | 402208.88 |
| 3782008.78 | 6.15665 | | |
| 402228.88 | 3782008.78 | 5.94256 | 402248.88 |
| 3782008.78 | 5.68548 | | |
| 402268.88 | 3782008.78 | 5.17448 | 402288.88 |
| 3782008.78 | 4.92610 | | |
| 402308.88 | 3782008.78 | 4.44484 | 402328.88 |
| 3782008.78 | 4.28104 | | |
| 402348.88 | 3782008.78 | 4.25635 | 402368.88 |
| 3782008.78 | 4.03718 | | |
| 402388.88 | 3782008.78 | 4.19320 | 402408.88 |
| 3782008.78 | 4.50646 | | |
| 402428.88 | 3782008.78 | 4.36882 | 402448.88 |
| 3782008.78 | 4.30660 | | |
| 402468.88 | 3782008.78 | 4.40103 | 402488.88 |
| 3782008.78 | 4.20224 | | |
| 402508.88 | 3782008.78 | 4.13689 | 401308.88 |
| 3782028.78 | 1.36700 | | |
| 401328.88 | 3782028.78 | 1.41189 | 401348.88 |
| 3782028.78 | 1.44661 | | |
| 401368.88 | 3782028.78 | 1.45615 | 401388.88 |
| 3782028.78 | 1.45635 | | |
| 401408.88 | 3782028.78 | 1.52613 | 401428.88 |
| 3782028.78 | 1.67708 | | |
| 401448.88 | 3782028.78 | 1.66581 | 401468.88 |
| 3782028.78 | 1.80410 | | |
| 401488.88 | 3782028.78 | 2.11545 | 401508.88 |
| 3782028.78 | 2.45942 | | |
| 401528.88 | 3782028.78 | 2.46432 | 401548.88 |
| 3782028.78 | 2.60655 | | |
| 401568.88 | 3782028.78 | 2.89785 | 401588.88 |
| 3782028.78 | 2.75760 | | |
| 401608.88 | 3782028.78 | 2.66884 | 401628.88 |
| 3782028.78 | 2.53817 | | |
| 401648.88 | 3782028.78 | 2.57169 | 401668.88 |
| 3782028.78 | 2.76966 | | |
| 401688.88 | 3782028.78 | 2.93906 | 401708.88 |
| 3782028.78 | 3.15399 | | |
| 401728.88 | 3782028.78 | 3.31938 | 401748.88 |
| 3782028.78 | 3.40150 | | |
| 401768.88 | 3782028.78 | 3.34869 | 401788.88 |
| 3782028.78 | 3.50257 | | |
| 401808.88 | 3782028.78 | 3.89136 | 401828.88 |
| 3782028.78 | 4.29158 | | |
| 401848.88 | 3782028.78 | 4.40348 | 401868.88 |
| 3782028.78 | 4.25246 | | |
| 401888.88 | 3782028.78 | 4.18779 | 401908.88 |

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3782028.78        4.25459
        401928.88    3782028.78        4.13768                        401948.88
3782028.78        3.99599
        401968.88    3782028.78        3.93000                        401988.88
3782028.78        3.90870
        402008.88    3782028.78        3.96644                        402028.88
3782028.78        4.05698
        402048.88    3782028.78        4.19760                        402068.88
3782028.78        4.40301
        402088.88    3782028.78        4.50139                        402108.88
3782028.78        4.54234
        402128.88    3782028.78        4.70871                        402148.88
3782028.78        5.60573
        402168.88    3782028.78        5.79489                        402188.88
3782028.78        5.69909
        402208.88    3782028.78        5.32030                        402228.88
3782028.78        5.23924
        402248.88    3782028.78        4.91961                        402268.88
3782028.78        4.69625
        402288.88    3782028.78        3.98357                        402308.88
3782028.78        3.67939
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
```

```
        402328.88     3782028.78        3.56429                      402348.88
3782028.78        3.72052
        402368.88     3782028.78        3.66717                      402388.88
3782028.78        3.89314
        402408.88     3782028.78        3.98676                      402428.88
3782028.78        3.96356
        402448.88     3782028.78        3.91096                      402468.88
3782028.78        3.95632
        402488.88     3782028.78        3.90533                      402508.88
3782028.78        3.67533
        401308.88     3782048.78        1.25962                      401328.88
3782048.78        1.28710
        401348.88     3782048.78        1.28155                      401368.88
3782048.78        1.32657
        401388.88     3782048.78        1.37486                      401408.88
3782048.78        1.47194
        401428.88     3782048.78        1.52940                      401448.88
3782048.78        1.57602
        401468.88     3782048.78        1.65199                      401488.88
3782048.78        1.97759
        401508.88     3782048.78        2.39092                      401528.88
3782048.78        2.29690
        401548.88     3782048.78        2.36134                      401568.88
3782048.78        2.38438
        401588.88     3782048.78        2.45728                      401608.88
3782048.78        2.17163
        401628.88     3782048.78        2.27299                      401648.88
3782048.78        2.41200
        401668.88     3782048.78        2.55648                      401688.88
3782048.78        2.66527
        401708.88     3782048.78        2.65105                      401728.88
3782048.78        2.83262
        401748.88     3782048.78        2.78859                      401768.88
3782048.78        2.96363
        401788.88     3782048.78        3.06196                      401808.88
3782048.78        3.27946
        401828.88     3782048.78        3.41414                      401848.88
3782048.78        3.36995
        401868.88     3782048.78        3.35073                      401888.88
3782048.78        3.30992
        401908.88     3782048.78        3.43335                      401928.88
3782048.78        3.46403
        401948.88     3782048.78        3.34838                      401968.88
3782048.78        3.30307
        401988.88     3782048.78        3.29338                      402008.88
3782048.78        3.33384
        402028.88     3782048.78        3.44033                      402048.88
3782048.78        3.50918
        402068.88     3782048.78        3.60867                      402088.88
3782048.78        3.71974
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       402108.88    3782048.78        3.83897                        402128.88
3782048.78       4.05713
       402148.88    3782048.78        4.95258                        402168.88
3782048.78       5.26642
       402188.88    3782048.78        4.62549                        402208.88
3782048.78       3.98367
       402228.88    3782048.78        4.39043                        402248.88
3782048.78       4.38346
       402268.88    3782048.78        3.99952                        402288.88
3782048.78       3.41189
       402308.88    3782048.78        3.16339                        402328.88
3782048.78       3.14720
       402348.88    3782048.78        3.17733                        402368.88
3782048.78       3.17161
       402388.88    3782048.78        3.23959                        402408.88
3782048.78       3.45884
       402428.88    3782048.78        3.50518                        402448.88
3782048.78       3.37641
       402468.88    3782048.78        3.44350                        402488.88
3782048.78       3.36651
       402508.88    3782048.78        3.30375                        401308.88
3782068.78       1.15986
       401328.88    3782068.78        1.17582                        401348.88
3782068.78       1.20848
       401368.88    3782068.78        1.24669                        401388.88
3782068.78       1.30855
       401408.88    3782068.78        1.36493                        401428.88
3782068.78       1.37570
       401448.88    3782068.78        1.48418                        401468.88
3782068.78       1.55320
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 264
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS

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***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                     **


          X-COORD (M)   Y-COORD (M)      CONC                         X-COORD (M)
Y-COORD (M)        CONC
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
           401488.88    3782068.78       1.83449                       401508.88
3782068.78       1.85388
           401528.88    3782068.78       1.89601                       401548.88
3782068.78       2.10851
           401568.88    3782068.78       2.06886                       401588.88
3782068.78       2.13160
           401608.88    3782068.78       2.05601                       401628.88
3782068.78       2.15871
           401648.88    3782068.78       2.25669                       401668.88
3782068.78       2.30222
           401688.88    3782068.78       2.39000                       401708.88
3782068.78       2.40912
           401728.88    3782068.78       2.37816                       401748.88
3782068.78       2.50241
           401768.88    3782068.78       2.63617                       401788.88
3782068.78       2.67686
           401808.88    3782068.78       2.62519                       401828.88
3782068.78       2.78748
           401848.88    3782068.78       2.59723                       401868.88
3782068.78       2.64532
           401888.88    3782068.78       2.69373                       401908.88
3782068.78       2.68127
           401928.88    3782068.78       2.65966                       401948.88
3782068.78       2.64830
           401968.88    3782068.78       2.70261                       401988.88
3782068.78       2.80661
           402008.88    3782068.78       2.92998                       402028.88
3782068.78       3.03880
           402048.88    3782068.78       3.18482                       402068.88
3782068.78       3.30336
           402088.88    3782068.78       3.37493                       402108.88
3782068.78       3.45996
           402128.88    3782068.78       3.53654                       402148.88
3782068.78       4.29344
           402168.88    3782068.78       4.62151                       402188.88
3782068.78       3.53732
           402208.88    3782068.78       3.01998                       402228.88
3782068.78       3.09686
           402248.88    3782068.78       3.59225                       402268.88
3782068.78       3.52087
           402288.88    3782068.78       3.03171                       402308.88
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3782068.78        2.81316
        402328.88    3782068.78        2.73630                        402348.88
3782068.78        2.72232
        402368.88    3782068.78        2.74124                        402388.88
3782068.78        2.78313
        402408.88    3782068.78        2.89782                        402428.88
3782068.78        2.98530
        402448.88    3782068.78        2.95667                        402468.88
3782068.78        3.29389
        402488.88    3782068.78        3.25349                        402508.88
3782068.78        2.99136
        401308.88    3782088.78        1.09813                        401328.88
3782088.78        1.12644
        401348.88    3782088.78        1.16155                        401368.88
3782088.78        1.19400
        401388.88    3782088.78        1.21607                        401408.88
3782088.78        1.23182
        401428.88    3782088.78        1.29022                        401448.88
3782088.78        1.28736
        401468.88    3782088.78        1.47683                        401488.88
3782088.78        1.67944
        401508.88    3782088.78        1.72714                        401528.88
3782088.78        1.79742
        401548.88    3782088.78        1.90880                        401568.88
3782088.78        1.88270
        401588.88    3782088.78        1.93596                        401608.88
3782088.78        1.88744
        401628.88    3782088.78        1.95022                        401648.88
3782088.78        2.05698
        401668.88    3782088.78        2.08521                        401688.88
3782088.78        2.07839
        401708.88    3782088.78        2.03477                        401728.88
3782088.78        2.00103
        401748.88    3782088.78        2.24331                        401768.88
3782088.78        2.49482
        401788.88    3782088.78        2.39085                        401808.88
3782088.78        2.19407
        401828.88    3782088.78        2.22794                        401848.88
3782088.78        2.15768
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                         INCLUDING SOURCE(S):   L0000001   , L0000002

```
, L0000003      , L0000004      , L0000005      ,
                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .         ,
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                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

```
      X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
          401868.88    3782088.78        2.12559                      401888.88
3782088.78        2.20489
          401908.88    3782088.78        2.11601                      401928.88
3782088.78        2.10812
          401948.88    3782088.78        2.14658                      401968.88
3782088.78        2.32364
          401988.88    3782088.78        2.52648                      402008.88
3782088.78        2.54082
          402028.88    3782088.78        2.54526                      402048.88
3782088.78        2.71525
          402068.88    3782088.78        2.77663                      402088.88
3782088.78        2.87375
          402108.88    3782088.78        2.84171                      402128.88
3782088.78        2.90397
          402148.88    3782088.78        3.43432                      402168.88
3782088.78        3.91265
          402188.88    3782088.78        3.55458                      402208.88
3782088.78        2.57834
          402228.88    3782088.78        2.49426                      402248.88
3782088.78        2.67346
          402268.88    3782088.78        2.73786                      402288.88
3782088.78        2.68940
          402308.88    3782088.78        2.51260                      402328.88
3782088.78        2.40662
          402348.88    3782088.78        2.37433                      402368.88
3782088.78        2.39941
          402388.88    3782088.78        2.44635                      402408.88
3782088.78        2.51906
          402428.88    3782088.78        2.67608                      402448.88
3782088.78        2.71559
          402468.88    3782088.78        3.01954                      402488.88
3782088.78        2.83055
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        402508.88     3782088.78          2.59617                          401308.88
3782108.78        1.05667
        401328.88     3782108.78          1.08781                          401348.88
3782108.78        1.11681
        401368.88     3782108.78          1.12113                          401388.88
3782108.78        1.13580
        401408.88     3782108.78          1.14721                          401428.88
3782108.78        1.15593
        401448.88     3782108.78          1.17146                          401468.88
3782108.78        1.29242
        401488.88     3782108.78          1.49179                          401508.88
3782108.78        1.45811
        401528.88     3782108.78          1.55039                          401548.88
3782108.78        1.52887
        401568.88     3782108.78          1.50445                          401588.88
3782108.78        1.53833
        401608.88     3782108.78          1.59764                          401628.88
3782108.78        1.64230
        401648.88     3782108.78          1.67236                          401668.88
3782108.78        1.70963
        401688.88     3782108.78          1.68511                          401708.88
3782108.78        1.66364
        401728.88     3782108.78          1.67924                          401748.88
3782108.78        1.83835
        401768.88     3782108.78          1.96835                          401788.88
3782108.78        2.09850
        401808.88     3782108.78          1.85001                          401828.88
3782108.78        1.77633
        401848.88     3782108.78          1.78775                          401868.88
3782108.78        1.76314
        401888.88     3782108.78          1.82690                          401908.88
3782108.78        1.78394
        401928.88     3782108.78          1.79469                          401948.88
3782108.78        1.87957
        401968.88     3782108.78          2.07699                          401988.88
3782108.78        2.24566
        402008.88     3782108.78          2.08687                          402028.88
3782108.78        2.16869
        402048.88     3782108.78          2.37744                          402068.88
3782108.78        2.42921
        402088.88     3782108.78          2.43285                          402108.88
3782108.78        2.45869
        402128.88     3782108.78          2.53058                          402148.88
3782108.78        2.60366
        402168.88     3782108.78          3.11024                          402188.88
3782108.78        3.51947
        402208.88     3782108.78          2.48986                          402228.88
3782108.78        2.15681
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   *** AERMET - VERSION  16216 ***   ***
                       ***           05:36:20

                           PAGE 266
  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):     L0000001   , L0000002
, L0000003    , L0000004    , L0000005    ,
               L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
               L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
               L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,


                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **


      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
         402248.88   3782108.78       2.18171                     402268.88
3782108.78       2.21506
         402288.88   3782108.78       2.23218                     402308.88
3782108.78       2.19555
         402328.88   3782108.78       2.16461                     402348.88
3782108.78       2.11491
         402368.88   3782108.78       2.12154                     402388.88
3782108.78       2.16560
         402408.88   3782108.78       2.23014                     402428.88
3782108.78       2.32679
         402448.88   3782108.78       2.40804                     402468.88
3782108.78       2.51949
         402488.88   3782108.78       2.35750                     402508.88
3782108.78       2.32215
         401308.88   3782128.78       1.01346                     401328.88
3782128.78       1.03623
         401348.88   3782128.78       1.04818                     401368.88
3782128.78       1.05046
         401388.88   3782128.78       1.05931                     401408.88
3782128.78       1.06785
         401428.88   3782128.78       1.09373                     401448.88
3782128.78       1.08367
         401468.88   3782128.78       1.14658                     401488.88
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```
3782128.78         1.19750
        401508.88     3782128.78         1.20047                      401528.88
3782128.78         1.28229
        401548.88     3782128.78         1.24926                      401568.88
3782128.78         1.24729
        401588.88     3782128.78         1.29807                      401608.88
3782128.78         1.33178
        401628.88     3782128.78         1.38073                      401648.88
3782128.78         1.45411
        401668.88     3782128.78         1.45512                      401688.88
3782128.78         1.41600
        401708.88     3782128.78         1.43198                      401728.88
3782128.78         1.43582
        401748.88     3782128.78         1.57261                      401768.88
3782128.78         1.70518
        401788.88     3782128.78         1.84590                      401808.88
3782128.78         1.63818
        401828.88     3782128.78         1.52837                      401848.88
3782128.78         1.54524
        401868.88     3782128.78         1.53604                      401888.88
3782128.78         1.56043
        401908.88     3782128.78         1.56025                      401928.88
3782128.78         1.61389
        401948.88     3782128.78         1.70525                      401968.88
3782128.78         1.91860
        401988.88     3782128.78         1.91987                      402008.88
3782128.78         1.78957
        402028.88     3782128.78         1.86798                      402048.88
3782128.78         2.03788
        402068.88     3782128.78         2.16040                      402088.88
3782128.78         2.12953
        402108.88     3782128.78         2.15586                      402128.88
3782128.78         2.21980
        402148.88     3782128.78         2.25370                      402168.88
3782128.78         2.48828
        402188.88     3782128.78         3.09076                      402208.88
3782128.78         2.21935
        402228.88     3782128.78         1.94565                      402248.88
3782128.78         1.88083
        402268.88     3782128.78         1.90796                      402288.88
3782128.78         1.91030
        402308.88     3782128.78         1.91057                      402328.88
3782128.78         1.90268
        402348.88     3782128.78         1.89352                      402368.88
3782128.78         1.89823
        402388.88     3782128.78         1.94274                      402408.88
3782128.78         2.00693
        402428.88     3782128.78         2.09464                      402448.88
3782128.78         2.18449
        402468.88     3782128.78         2.15641                      402488.88
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3782128.78        2.08477
        402508.88      3782128.78        2.07079                            401308.88
3782148.78        0.91453
        401328.88      3782148.78        0.96536                            401348.88
3782148.78        0.97781
        401368.88      3782148.78        0.98202                            401388.88
3782148.78        0.99223
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 267
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
 -
        401408.88   3782148.78   1.00466   401428.88
3782148.78   0.99788
        401448.88   3782148.78   1.00090   401468.88
3782148.78   1.02773
        401488.88   3782148.78   0.99489   401508.88
3782148.78   1.01969
        401528.88   3782148.78   1.07255   401548.88
3782148.78   1.07251
        401568.88   3782148.78   1.07452   401588.88
3782148.78   1.12150
        401608.88   3782148.78   1.14847   401628.88
3782148.78   1.19175
        401648.88   3782148.78   1.24431   401668.88
3782148.78   1.27679

401688.88	3782148.78	1.22565	401708.88
3782148.78	1.24349		
401728.88	3782148.78	1.27213	401748.88
3782148.78	1.36417		
401768.88	3782148.78	1.43923	401788.88
3782148.78	1.57067		
401808.88	3782148.78	1.44111	401828.88
3782148.78	1.38144		
401848.88	3782148.78	1.36545	401868.88
3782148.78	1.36469		
401888.88	3782148.78	1.37839	401908.88
3782148.78	1.41950		
401928.88	3782148.78	1.50152	401948.88
3782148.78	1.63008		
401968.88	3782148.78	1.69744	401988.88
3782148.78	1.59542		
402008.88	3782148.78	1.55661	402028.88
3782148.78	1.61361		
402048.88	3782148.78	1.76673	402068.88
3782148.78	1.83452		
402088.88	3782148.78	1.89002	402108.88
3782148.78	1.90739		
402128.88	3782148.78	1.95164	402148.88
3782148.78	1.98799		
402168.88	3782148.78	2.21419	402188.88
3782148.78	2.69686		
402208.88	3782148.78	2.11380	402228.88
3782148.78	1.76495		
402248.88	3782148.78	1.68254	402268.88
3782148.78	1.67524		
402288.88	3782148.78	1.67717	402308.88
3782148.78	1.67492		
402328.88	3782148.78	1.68013	402348.88
3782148.78	1.68728		
402368.88	3782148.78	1.71094	402388.88
3782148.78	1.75966		
402408.88	3782148.78	1.81490	402428.88
3782148.78	1.86099		
402448.88	3782148.78	1.97775	402468.88
3782148.78	1.96668		
402488.88	3782148.78	1.88988	402508.88
3782148.78	1.86585		
401308.88	3782168.78	0.88084	401328.88
3782168.78	0.88755		
401348.88	3782168.78	0.87720	401368.88
3782168.78	0.89648		
401388.88	3782168.78	0.92380	401408.88
3782168.78	0.94072		
401428.88	3782168.78	0.94300	401448.88
3782168.78	0.97989		

```
       401468.88    3782168.78         1.01243                      401488.88
3782168.78       0.94121
       401508.88    3782168.78         0.92193                      401528.88
3782168.78       0.94422
       401548.88    3782168.78         0.95911                      401568.88
3782168.78       0.96220
       401588.88    3782168.78         0.99503                      401608.88
3782168.78       1.01716
       401628.88    3782168.78         1.04771                      401648.88
3782168.78       1.08382
       401668.88    3782168.78         1.12676                      401688.88
3782168.78       1.09920
       401708.88    3782168.78         1.11471                      401728.88
3782168.78       1.14779
       401748.88    3782168.78         1.21035                      401768.88
3782168.78       1.26566
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
       401788.88   3782168.78   1.38442   401808.88
3782168.78   1.29544
       401828.88   3782168.78   1.25600   401848.88
3782168.78   1.23949
       401868.88   3782168.78   1.24029   401888.88

	3782168.78	1.26473	
401908.88	3782168.78	1.31174	401928.88
	3782168.78	1.39990	
401948.88	3782168.78	1.54698	401968.88
	3782168.78	1.45631	
401988.88	3782168.78	1.38579	402008.88
	3782168.78	1.37842	
402028.88	3782168.78	1.44044	402048.88
	3782168.78	1.49849	
402068.88	3782168.78	1.56691	402088.88
	3782168.78	1.69119	
402108.88	3782168.78	1.69636	402128.88
	3782168.78	1.73300	
402148.88	3782168.78	1.87472	402168.88
	3782168.78	2.35283	
402188.88	3782168.78	2.31348	402208.88
	3782168.78	2.01683	
402228.88	3782168.78	1.65571	402248.88
	3782168.78	1.57216	
402268.88	3782168.78	1.53375	402288.88
	3782168.78	1.51821	
402308.88	3782168.78	1.51276	402328.88
	3782168.78	1.51369	
402348.88	3782168.78	1.52026	402368.88
	3782168.78	1.54481	
402388.88	3782168.78	1.58563	402408.88
	3782168.78	1.61910	
402428.88	3782168.78	1.68836	402448.88
	3782168.78	1.79882	
402468.88	3782168.78	1.81590	402488.88
	3782168.78	1.72994	
402508.88	3782168.78	1.69779	401308.88
	3782188.78	0.83048	
401328.88	3782188.78	0.78891	401348.88
	3782188.78	0.81784	
401368.88	3782188.78	0.80732	401388.88
	3782188.78	0.83290	
401408.88	3782188.78	0.85959	401428.88
	3782188.78	0.88031	
401448.88	3782188.78	0.91725	401468.88
	3782188.78	0.95252	
401488.88	3782188.78	0.93927	401508.88
	3782188.78	0.87561	
401528.88	3782188.78	0.85801	401548.88
	3782188.78	0.87303	
401568.88	3782188.78	0.87914	401588.88
	3782188.78	0.90381	
401608.88	3782188.78	0.92396	401628.88
	3782188.78	0.94000	
401648.88	3782188.78	0.96076	401668.88

```
3782188.78       0.99959
        401688.88    3782188.78        1.00402                        401708.88
3782188.78       1.01626
        401728.88    3782188.78        1.05080                        401748.88
3782188.78       1.09322
        401768.88    3782188.78        1.14645                        401788.88
3782188.78       1.22115
        401808.88    3782188.78        1.17975                        401828.88
3782188.78       1.14898
        401848.88    3782188.78        1.14142                        401868.88
3782188.78       1.14405
        401888.88    3782188.78        1.16975                        401908.88
3782188.78       1.20689
        401928.88    3782188.78        1.26363                        401948.88
3782188.78       1.37722
        401968.88    3782188.78        1.31483                        401988.88
3782188.78       1.25118
        402008.88    3782188.78        1.24076                        402028.88
3782188.78       1.27493
        402048.88    3782188.78        1.31314                        402068.88
3782188.78       1.42119
        402088.88    3782188.78        1.51557                        402108.88
3782188.78       1.48853
        402128.88    3782188.78        1.53190                        402148.88
3782188.78       1.74446
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                                PAGE 269
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                        ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402168.88	3782188.78	2.10780	402188.88	3782188.78	1.94546
402208.88	3782188.78	1.70424	402228.88	3782188.78	1.56864
402248.88	3782188.78	1.49241	402268.88	3782188.78	1.44314
402288.88	3782188.78	1.42077	402308.88	3782188.78	1.39606
402328.88	3782188.78	1.38733	402348.88	3782188.78	1.38344
402368.88	3782188.78	1.39932	402388.88	3782188.78	1.42870
402408.88	3782188.78	1.46882	402428.88	3782188.78	1.54007
402448.88	3782188.78	1.60791	402468.88	3782188.78	1.65169
402488.88	3782188.78	1.57506	402508.88	3782188.78	1.54945
401308.88	3782208.78	0.74575	401328.88	3782208.78	0.74911
401348.88	3782208.78	0.74145	401368.88	3782208.78	0.75008
401388.88	3782208.78	0.75107	401408.88	3782208.78	0.76925
401428.88	3782208.78	0.79402	401448.88	3782208.78	0.80982
401468.88	3782208.78	0.83857	401488.88	3782208.78	0.88853
401508.88	3782208.78	0.84904	401528.88	3782208.78	0.81511
401548.88	3782208.78	0.80852	401568.88	3782208.78	0.81605
401588.88	3782208.78	0.83560	401608.88	3782208.78	0.84992
401628.88	3782208.78	0.86903	401648.88	3782208.78	0.88693
401668.88	3782208.78	0.91926	401688.88	3782208.78	0.92692
401708.88	3782208.78	0.94018	401728.88	3782208.78	0.96735
401748.88	3782208.78	1.00594	401768.88	3782208.78	1.05977
401788.88	3782208.78	1.10491	401808.88	3782208.78	1.07478
401828.88	3782208.78	1.05765	401848.88	3782208.78	1.05143

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        401868.88    3782208.78        1.05795                        401888.88
3782208.78        1.07730
        401908.88    3782208.78        1.11406                        401928.88
3782208.78        1.17196
        401948.88    3782208.78        1.25472                        401968.88
3782208.78        1.18674
        401988.88    3782208.78        1.13652                        402008.88
3782208.78        1.12909
        402028.88    3782208.78        1.16525                        402048.88
3782208.78        1.23073
        402068.88    3782208.78        1.32970                        402088.88
3782208.78        1.31875
        402108.88    3782208.78        1.32247                        402128.88
3782208.78        1.43485
        402148.88    3782208.78        1.55089                        402168.88
3782208.78        1.68966
        402188.88    3782208.78        1.90980                        402208.88
3782208.78        1.56644
        402228.88    3782208.78        1.49253                        402248.88
3782208.78        1.41854
        402268.88    3782208.78        1.34429                        402288.88
3782208.78        1.30225
        402308.88    3782208.78        1.28332                        402328.88
3782208.78        1.27277
        402348.88    3782208.78        1.27041                        402368.88
3782208.78        1.27726
        402388.88    3782208.78        1.30598                        402408.88
3782208.78        1.34339
        402428.88    3782208.78        1.38560                        402448.88
3782208.78        1.46216
        402468.88    3782208.78        1.51918                        402488.88
3782208.78        1.45757
        402508.88    3782208.78        1.42651                        402116.08
3781609.34        53.66562
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 270
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,

```
                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
               **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         402111.58    3781631.84       84.72431                       402072.78
3781724.63       82.76237
         402058.72    3781776.93       74.29350                       402061.53
3781812.92       56.54440
         402065.47    3781834.86       37.20820                       401913.06
3781829.79       96.88336
         401870.32    3781887.16       49.33538                       401788.78
3781884.91       26.98235
         401791.03    3781611.59       40.33910

♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                         ***        05:36:20

                                 PAGE 271
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                            INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
               **

       X-COORD (M)   Y-COORD (M)        CONC     (YYMMDDHH)            X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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- -
- -

```
     399067.96    3778941.97      0.44809  (14111408)            399349.76
3778941.97         0.46595  (14111408)
     399631.56    3778941.97      0.48986  (12021216)            399913.36
3778941.97         0.74130  (12021216)
     400195.16    3778941.97      0.86741  (12111715)            400476.96
3778941.97         1.48074  (12111715)
     400758.76    3778941.97      1.33089  (12021515)            401040.56
3778941.97         1.43342  (12021515)
     401322.36    3778941.97      0.75593  (15042107)            401604.16
3778941.97         0.87883  (15042107)
     401885.96    3778941.97      0.94823  (15122816)            402167.76
3778941.97         1.14769  (12101116)
     402449.56    3778941.97      0.98231  (12101116)            402731.36
3778941.97         1.21421  (12042618)
     403013.16    3778941.97      1.40559  (12042618)            403294.96
3778941.97         1.47417  (12120216)
     403576.76    3778941.97      1.06373  (12120216)            403858.56
3778941.97         0.91114  (12111716)
     404140.36    3778941.97      0.48685  (13041208)            404422.16
3778941.97         0.60192  (14120116)
     404703.96    3778941.97      0.63494  (14120116)            399067.96
3779205.53         0.42351  (15120308)
     399349.76    3779205.53      0.47977  (14111408)            399631.56
3779205.53         0.49377  (14111408)
     399913.36    3779205.53      0.68353  (12021216)            400195.16
3779205.53         0.90186  (12021216)
     400476.96    3779205.53      1.43317  (12111715)            400758.76
3779205.53         1.62101  (12111715)
     401040.56    3779205.53      1.78840  (12021515)            401322.36
3779205.53         0.97133  (12021515)
     401604.16    3779205.53      1.00649  (15042107)            401885.96
3779205.53         1.12518  (15122816)
     402167.76    3779205.53      1.39453  (12101116)            402449.56
3779205.53         1.04139  (12101116)
     402731.36    3779205.53      1.64826  (12042618)            403013.16
3779205.53         1.43539  (12042618)
     403294.96    3779205.53      1.61589  (12120216)            403576.76
3779205.53         1.15678  (12111716)
     403858.56    3779205.53      0.71157  (12111716)            404140.36
3779205.53         0.67069  (14120116)
     404422.16    3779205.53      0.72123  (14120116)            404703.96
3779205.53         0.61839  (14120116)
     399067.96    3779469.09      0.45481  (13121911)            399349.76
3779469.09         0.45210  (15120308)
     399631.56    3779469.09      0.51578  (14111408)            399913.36
3779469.09         0.52583  (14111408)
     400195.16    3779469.09      0.94096  (12021216)            400476.96
3779469.09         1.08777  (12111715)
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      400758.76   3779469.09      2.00370  (12111715)              401040.56
3779469.09      2.06935  (12021515)
      401322.36   3779469.09      1.56839  (12021515)              401604.16
3779469.09      1.17838  (12022715)
      401885.96   3779469.09      1.36100  (15122816)              402167.76
3779469.09      1.70644  (12101116)
      402449.56   3779469.09      1.24867  (12042618)              402731.36
3779469.09      2.10134  (12042618)
      403013.16   3779469.09      1.99640  (12120216)              403294.96
3779469.09      1.40374  (12120216)
      403576.76   3779469.09      1.07921  (12111716)              403858.56
3779469.09      0.76147  (14120116)
      404140.36   3779469.09      0.84145  (14120116)              404422.16
3779469.09      0.71232  (14120116)
      404703.96   3779469.09      0.58066  (12012517)              399067.96
3779732.65      0.49061  (13121911)
      399349.76   3779732.65      0.50616  (13121911)              399631.56
3779732.65      0.49137  (16093007)
      399913.36   3779732.65      0.55972  (14111408)              400195.16
3779732.65      0.73202  (12021216)
      400476.96   3779732.65      1.26153  (12021216)              400758.76
3779732.65      2.01237  (12111715)
      401040.56   3779732.65      2.23972  (12111715)              401322.36
3779732.65      2.39915  (12021515)
      401604.16   3779732.65      1.38197  (12022715)              401885.96
3779732.65      1.67568  (15122816)
      402167.76   3779732.65      2.10696  (12101116)              402449.56
3779732.65      1.99974  (12042618)
      402731.36   3779732.65      2.42213  (12042618)              403013.16
3779732.65      2.31094  (12120216)
      403294.96   3779732.65      1.56646  (12111716)              403576.76
3779732.65      0.88207  (14120116)
```

                              PAGE 272
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
403858.56	3779732.65	1.01300	(14120116)	404140.36	3779732.65	0.84588	(14120116)
404422.16	3779732.65	0.70150	(12012517)	404703.96	3779732.65	0.55809	(12012517)
399067.96	3779996.21	0.45846	(14061806)	399349.76	3779996.21	0.52412	(13121911)
399631.56	3779996.21	0.57171	(13121911)	399913.36	3779996.21	0.61122	(16093007)
400195.16	3779996.21	0.69168	(16093007)	400476.96	3779996.21	1.12881	(12021216)
400758.76	3779996.21	1.67628	(12021216)	401040.56	3779996.21	3.11705	(12111715)
401322.36	3779996.21	3.35293	(12021515)	401604.16	3779996.21	1.69792	(15011016)
401885.96	3779996.21	2.11892	(15122816)	402167.76	3779996.21	2.62291	(12101116)
402449.56	3779996.21	3.03340	(12042618)	402731.36	3779996.21	3.03994	(12120216)
403013.16	3779996.21	2.13885	(12111716)	403294.96	3779996.21	1.26073	(12111716)
403576.76	3779996.21	1.26850	(14120116)	403858.56	3779996.21	1.04446	(14120116)
404140.36	3779996.21	0.86469	(12012517)	404422.16	3779996.21	0.64180	(12012517)
404703.96	3779996.21	0.61126	(12031617)	399067.96	3780259.77	0.49759	(13033107)
399349.76	3780259.77	0.51901	(16093007)	399631.56	3780259.77	0.59183	(16093007)
399913.36	3780259.77	0.68007	(16093007)	400195.16	3780259.77	0.78848	(16093007)
400476.96	3780259.77	0.94397	(16093007)	400758.76	3780259.77	1.81411	(12021216)
401040.56	3780259.77	3.24956	(12111715)	401322.36	3780259.77	4.08926	(12021515)
401604.16	3780259.77	2.76097	(12021515)	401885.96	3780259.77	2.75669	(15122816)
402167.76	3780259.77	3.25654	(12101116)	402449.56	3780259.77	4.25394	(12042618)
402731.36	3780259.77	3.90226	(12120216)	403013.16			

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3780259.77          2.26036  (12111716)
        403294.96    3780259.77          1.66890  (14120116)              403576.76
3780259.77          1.35245  (14120116)
        403858.56    3780259.77          1.09455  (12012517)              404140.36
3780259.77          0.75178  (12120114)
        404422.16    3780259.77          1.02486  (12031617)              404703.96
3780259.77          1.17606  (12031617)
        399067.96    3780523.33          0.51204  (13033107)              399349.76
3780523.33          0.55822  (16093007)
        399631.56    3780523.33          0.64342  (16093007)              399913.36
3780523.33          0.75390  (16093007)
        400195.16    3780523.33          0.90402  (16093007)              400476.96
3780523.33          1.08207  (16093007)
        400758.76    3780523.33          1.33449  (16093007)              401040.56
3780523.33          2.83572  (12021216)
        401322.36    3780523.33          5.64067  (12111715)              401604.16
3780523.33          5.18959  (12021515)
        401885.96    3780523.33          3.75945  (15122816)              402167.76
3780523.33          4.06274  (12101116)
        402449.56    3780523.33          5.32708  (12120216)              402731.36
3780523.33          3.81146  (12111716)
        403013.16    3780523.33          2.33759  (14120116)              403294.96
3780523.33          1.86336  (14120116)
        403576.76    3780523.33          1.43407  (12012517)              403858.56
3780523.33          1.23726  (12031617)
        404140.36    3780523.33          1.56429  (12031617)              404422.16
3780523.33          1.96116  (12031616)
        404703.96    3780523.33          2.21374  (12031616)              399067.96
3780786.89          0.86749  (12022717)
        399349.76    3780786.89          0.77506  (12022717)              399631.56
3780786.89          0.68359  (16093007)
        399913.36    3780786.89          0.82605  (16093007)              400195.16
3780786.89          1.01546  (16093007)
        400476.96    3780786.89          1.27758  (16093007)              400758.76
3780786.89          1.63827  (16093007)
        401040.56    3780786.89          2.39761  (12021216)              401322.36
3780786.89          6.30799  (12111715)
        401604.16    3780786.89          8.82819  (12021515)              401885.96
3780786.89          5.44368  (15122816)
        402167.76    3780786.89          7.49979  (12042618)              402449.56
3780786.89          8.01394  (12120216)
```

⬥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at ***   04/07/21
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 273
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

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VALUES FOR SOURCE GROUP:  EQUIP     ***
                              INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,


                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                          ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


    X-COORD (M)  Y-COORD (M)     CONC     (YYMMDDHH)          X-COORD (M)
Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
      402731.36   3780786.89      3.57258 (14120116)           403013.16
3780786.89       2.86008 (12012517)
      403294.96   3780786.89      1.98466 (12012517)           403576.76
3780786.89       2.27128 (12031617)
      403858.56   3780786.89      3.00792 (12031616)           404140.36
3780786.89       3.20052 (12031616)
      404422.16   3780786.89      2.70659 (12031616)           404703.96
3780786.89       1.96591 (12031616)
      399067.96   3781050.45      1.22036 (12022717)           399349.76
3781050.45       1.43063 (12022717)
      399631.56   3781050.45      1.57715 (12022717)           399913.36
3781050.45       1.58413 (12022717)
      400195.16   3781050.45      1.45228 (12022717)           400476.96
3781050.45       1.48076 (16093007)
      400758.76   3781050.45      1.99504 (16093007)           401040.56
3781050.45       2.73733 (16093007)
      401322.36   3781050.45      5.23622 (12021216)           401604.16
3781050.45      13.55937 (12111715)
      401885.96   3781050.45      8.70035 (15122816)           402167.76
3781050.45      13.71379 (12042618)
      402449.56   3781050.45      7.89433 (12111716)           402731.36
3781050.45       5.14924 (12012517)
      403013.16   3781050.45      3.89006 (12031617)           403294.96
3781050.45       5.37746 (12031616)
      403576.76   3781050.45      5.22195 (12031616)           403858.56
3781050.45       3.80030 (12031616)
      404140.36   3781050.45      2.50298 (12120116)           404422.16
3781050.45       2.43586 (12120116)
      404703.96   3781050.45      2.26142 (12120116)           399067.96
3781314.01       0.75906 (12022717)
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      399349.76    3781314.01        1.07236  (12022717)              399631.56
3781314.01        1.50896  (12022717)
      399913.36    3781314.01        2.11921  (12022717)              400195.16
3781314.01        2.92053  (12022717)
      400476.96    3781314.01        3.63225  (12022717)              400758.76
3781314.01        4.16123  (12022717)
      401040.56    3781314.01        3.83865  (12022717)              401322.36
3781314.01        5.70296  (16093007)
      401604.16    3781314.01       18.19050  (12111715)              401885.96
3781314.01       20.52943  (12021515)
      402167.76    3781314.01       26.11689  (12120216)              402449.56
3781314.01       11.49330  (12012517)
      402731.36    3781314.01       13.81647  (12031616)              403013.16
3781314.01       10.81583  (12031616)
      403294.96    3781314.01        6.60768  (12120116)              403576.76
3781314.01        5.45297  (12120116)
      403858.56    3781314.01        4.18420  (12120116)              404140.36
3781314.01        3.06692  (12120116)
      404422.16    3781314.01        2.30439  (12120116)              404703.96
3781314.01        1.70695  (12120116)
      399067.96    3781577.57        0.60382  (16123115)              399349.76
3781577.57        0.66458  (16093007)
      399631.56    3781577.57        0.81904  (16093007)              399913.36
3781577.57        1.04940  (16093007)
      400195.16    3781577.57        1.41869  (12022717)              400476.96
3781577.57        2.44307  (12022717)
      400758.76    3781577.57        4.31690  (12022717)              401040.56
3781577.57        7.95444  (12022717)
      401322.36    3781577.57       15.24689  (12022717)              401604.16
3781577.57       26.63061  (12022717)
      401885.96    3781577.57       98.63739  (12021515)              402167.76
3781577.57       87.28972  (12031616)
      402449.56    3781577.57       35.03080  (12120116)              402731.36
3781577.57       18.79464  (12120116)
      403013.16    3781577.57       10.06688  (12120116)              403294.96
3781577.57        5.59843  (12120116)
      403576.76    3781577.57        3.23064  (12120116)              403858.56
3781577.57        2.02077  (12102016)
      404140.36    3781577.57        1.61514  (12102016)              404422.16
3781577.57        1.38566  (12102016)
      404703.96    3781577.57        1.20343  (12102016)              399067.96
3781841.13        1.30797  (12120215)
      399349.76    3781841.13        1.59893  (12120215)              399631.56
3781841.13        2.00271  (12120215)
      399913.36    3781841.13        2.57084  (12120215)              400195.16
3781841.13        3.39779  (12120215)
      400476.96    3781841.13        5.07549  (12033117)              400758.76
3781841.13        8.61299  (12033117)
      401040.56    3781841.13       17.36779  (12033117)              401322.36
3781841.13       33.94429  (12033117)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                               ***   05:36:20

                                PAGE 274
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                     L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                     L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                     L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401604.16   3781841.13   70.69194 (12033117)   402167.76
3781841.13   86.50065 (12121716)
        402449.56   3781841.13   38.68788 (12043018)   402731.36
3781841.13   16.96896 (12043018)
        403013.16   3781841.13   17.63123 (15081220)   403294.96
3781841.13   16.73204 (12081220)
        403576.76   3781841.13   10.22058 (15081623)   403858.56
3781841.13   2.33597 (14120516)
        404140.36   3781841.13   1.87235 (14120516)   404422.16
3781841.13   3.66421 (16092818)
        404703.96   3781841.13   1.43070 (15100918)   399067.96
3782104.69   1.96103 (12033117)
        399349.76   3782104.69   2.58522 (12033117)   399631.56
3782104.69   3.38870 (12033117)
        399913.36   3782104.69   4.40564 (12033117)   400195.16
3782104.69   6.25916 (15091502)
        400476.96   3782104.69   11.07636 (16072305)   400758.76
3782104.69   7.03117 (12033117)
        401040.56   3782104.69   22.89350 (13090623)   401322.36
3782104.69   31.45226 (13090603)
        401604.16   3782104.69   42.36450 (12092824)   401885.96

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3782104.69      49.68580  (13082624)
    402167.76   3782104.69      37.92810  (15092101)              402449.56
3782104.69      30.69590  (15091021)
    402731.36   3782104.69      24.82105  (12080821)              403013.16
3782104.69      21.03285  (15063021)
    403294.96   3782104.69      16.54530  (13083101)              403576.76
3782104.69      13.66181  (15081322)
    403858.56   3782104.69       3.72052  (12043018)              404140.36
3782104.69       9.93568  (15090621)
    404422.16   3782104.69       8.80968  (14090723)              404703.96
3782104.69       8.52562  (14090622)
    399067.96   3782368.25       2.33468  (12033117)              399349.76
3782368.25       2.47545  (12033117)
    399631.56   3782368.25       3.00111  (15060922)              399913.36
3782368.25       7.61790  (15090901)
    400195.16   3782368.25      10.07048  (13082905)              400476.96
3782368.25      15.52065  (13090623)
    400758.76   3782368.25      18.20324  (15090806)              401040.56
3782368.25      22.38172  (15092105)
    401322.36   3782368.25      27.73720  (13082701)              401604.16
3782368.25      35.81034  (15032824)
    401885.96   3782368.25      35.11256  (13082624)              402167.76
3782368.25      29.76341  (12100219)
    402449.56   3782368.25      28.40260  (13062822)              402731.36
3782368.25      24.09520  (14091424)
    403013.16   3782368.25      20.06433  (13090620)              403294.96
3782368.25      16.34266  (12081924)
    403576.76   3782368.25      14.11359  (13082920)              403858.56
3782368.25      11.06688  (15063021)
    404140.36   3782368.25       9.95638  (13083101)              404422.16
3782368.25       9.20401  (14091320)
    404703.96   3782368.25       7.90610  (15081322)              399067.96
3782631.81       1.02160  (12033117)
    399349.76   3782631.81       5.54371  (13092404)              399631.56
3782631.81       3.01446  (16122319)
    399913.36   3782631.81      11.14184  (13090623)              400195.16
3782631.81      12.39787  (13090706)
    400476.96   3782631.81      13.40499  (16100905)              400758.76
3782631.81      16.23202  (13062904)
    401040.56   3782631.81      21.91103  (16062005)              401322.36
3782631.81      25.20350  (15093002)
    401604.16   3782631.81      27.08235  (14091502)              401885.96
3782631.81      26.52607  (13082624)
    402167.76   3782631.81      24.62226  (12093020)              402449.56
3782631.81      22.85285  (16110917)
    402731.36   3782631.81      20.28723  (15091221)              403013.16
3782631.81      17.63721  (12090220)
    403294.96   3782631.81      15.34618  (12082820)              403576.76
3782631.81      12.99630  (12080924)
    403858.56   3782631.81      10.98716  (12081924)              404140.36
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       3782631.81      10.01070  (13083023)
         404422.16   3782631.81        9.02268  (14091723)           404703.96
3782631.81       7.95800  (14070522)
         399067.96   3782895.37        0.52098  (16093007)           399349.76
3782895.37       1.14154  (13012505)
         399631.56   3782895.37        9.04877  (15072504)           399913.36
3782895.37      10.40874  (12092002)
         400195.16   3782895.37       10.87415  (16110402)           400476.96
3782895.37      12.65661  (16092906)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 275
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
         400758.76   3782895.37   16.34874 (16062005)   401040.56
3782895.37   18.28704 (12081906)
         401322.36   3782895.37   20.38496 (16081403)   401604.16
3782895.37   21.26509 (12100206)
         401885.96   3782895.37   20.84952 (13082624)   402167.76
3782895.37   19.91006 (13012319)
         402449.56   3782895.37   18.78248 (16092519)   402731.36
3782895.37   17.19543 (15090824)
         403013.16   3782895.37   15.15420 (13082023)   403294.96
3782895.37   13.66767 (12090220)
         403576.76   3782895.37   12.08418 (14091419)   403858.56
3782895.37   10.85595 (13090620)
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      404140.36    3782895.37        9.62491  (13082821)             404422.16
3782895.37          8.60223  (12081924)
      404703.96    3782895.37        7.74478  (12090420)             399067.96
3783158.93          1.39048  (13012505)
      399349.76    3783158.93        7.87771  (15090806)             399631.56
3783158.93          8.32997  (16100905)
      399913.36    3783158.93        9.11372  (15092105)             400195.16
3783158.93         10.68399  (13090506)
      400476.96    3783158.93       12.49056  (16062005)             400758.76
3783158.93         13.72912  (14100501)
      401040.56    3783158.93       15.67781  (15102324)             401322.36
3783158.93         16.78041  (14100506)
      401604.16    3783158.93       17.43884  (15091302)             401885.96
3783158.93         17.21012  (13082624)
      402167.76    3783158.93       16.40059  (13092320)             402449.56
3783158.93         15.61778  (13042102)
      402731.36    3783158.93       14.55902  (16110917)             403013.16
3783158.93         12.57549  (12100119)
      403294.96    3783158.93       12.30151  (12080922)             403576.76
3783158.93         11.06601  (12081723)
      403858.56    3783158.93       10.05552  (14091419)             404140.36
3783158.93          9.00395  (13082420)
      404422.16    3783158.93        8.19902  (12082821)             404703.96
3783158.93          7.37865  (12081706)
      399067.96    3783422.49        7.28724  (13090603)             399349.76
3783422.49          7.04026  (12100202)
      399631.56    3783422.49        7.88607  (13090605)             399913.36
3783422.49          9.06414  (13090506)
      400195.16    3783422.49       10.34490  (12081803)             400476.96
3783422.49         11.29233  (15080404)
      400758.76    3783422.49       12.41389  (12101424)             401040.56
3783422.49         13.40321  (16081403)
      401322.36    3783422.49       14.11673  (14091502)             401604.16
3783422.49         14.45307  (12090123)
      401885.96    3783422.49       14.58811  (13082624)             402167.76
3783422.49         14.05236  (13092320)
      402449.56    3783422.49       13.35152  (12090501)             402731.36
3783422.49         12.74095  (16092519)
      403013.16    3783422.49       10.59142  (12080921)             403294.96
3783422.49         11.04470  (13062822)
      403576.76    3783422.49       10.05746  (12080922)             403858.56
3783422.49          9.18338  (12081723)
      404140.36    3783422.49        8.41939  (15091021)             404422.16
3783422.49          7.60406  (12082820)
      404703.96    3783422.49        6.57960  (13090620)             399067.96
3783686.05          6.19234  (15092105)
      399349.76    3783686.05        7.03901  (13090605)             399631.56
3783686.05          7.85897  (13090506)
      399913.36    3783686.05        8.71149  (12081803)             400195.16
3783686.05          9.42831  (12092323)
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         400476.96   3783686.05        10.22659  (12081906)                    400758.76
3783686.05        10.92596  (16042224)
         401040.56   3783686.05        11.66447  (16081604)                    401322.36
3783686.05        12.03286  (13052301)
         401604.16   3783686.05        12.22219  (12091605)                    401885.96
3783686.05        11.84033  (13082624)
         402167.76   3783686.05        11.25105  (16072224)                    402449.56
3783686.05        10.78061  (14080322)
         402731.36   3783686.05         9.14410  (14091824)                    403013.16
3783686.05         7.27170  (14051820)
         403294.96   3783686.05         9.83781  (15090824)                    403576.76
3783686.05         9.15880  (15060902)
         403858.56   3783686.05         8.44163  (15101321)                    404140.36
3783686.05         7.77462  (12081723)
         404422.16   3783686.05         7.25181  (14091424)                    404703.96
3783686.05         5.69435  (15091020)
         399067.96   3783949.61         6.15106  (13062904)                    399349.76
3783949.61         6.80532  (15092402)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
 -
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         399631.56   3783949.61         7.43059  (12081803)                    399913.36
3783949.61         8.03048  (12092323)
         400195.16   3783949.61         8.66947  (15101402)                    400476.96
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3783949.61          9.22551  (12110603)
      400758.76    3783949.61          9.73708  (15072705)                    401040.56
3783949.61         10.28867  (15080504)
      401322.36    3783949.61         10.69208  (12100206)                    401604.16
3783949.61         10.45914  (16072205)
      401885.96    3783949.61          8.15035  (16091906)                    402167.76
3783949.61          6.86790  (13030301)
      402449.56    3783949.61          7.92340  (16090406)                    402731.36
3783949.61          6.11748  (12050621)
      403013.16    3783949.61          8.96075  (13101921)                    403294.96
3783949.61          8.96304  (15092101)
      403576.76    3783949.61          8.36807  (12090720)                    403858.56
3783949.61          7.81918  (13031319)
      404140.36    3783949.61          7.29435  (15101321)                    404422.16
3783949.61          5.87566  (12091020)
      404703.96    3783949.61          4.96949  (16072522)                    399067.96
3784213.17          5.97007  (14091901)
      399349.76    3784213.17          6.44698  (12081803)                    399631.56
3784213.17          6.83618  (15100801)
      399913.36    3784213.17          7.39406  (14100501)                    400195.16
3784213.17          7.46853  (12101424)
      400476.96    3784213.17          7.09779  (14123017)                    400758.76
3784213.17          7.23112  (16092221)
      401040.56    3784213.17          9.08625  (14091502)                    401322.36
3784213.17          9.40908  (16072404)
      401604.16    3784213.17          9.53995  (14091422)                    401885.96
3784213.17          6.18513  (13051722)
      402167.76    3784213.17          3.50874  (15022819)                    402449.56
3784213.17          4.96313  (12082705)
      402731.36    3784213.17          8.00464  (15102401)                    403013.16
3784213.17          8.34562  (12010717)
      403294.96    3784213.17          8.07127  (13081422)                    403576.76
3784213.17          7.63498  (15091924)
      403858.56    3784213.17          6.84592  (12100119)                    404140.36
3784213.17          5.55826  (12092420)
      404422.16    3784213.17          3.92831  (12090219)                    404703.96
3784213.17          4.92540  (12091020)
      401308.88    3781008.78          5.13387  (12021216)                    401328.88
3781008.78          5.45712  (12021216)
      401348.88    3781008.78          5.75685  (12021216)                    401368.88
3781008.78          6.02631  (12111715)
      401388.88    3781008.78          6.86681  (12111715)                    401408.88
3781008.78          7.71761  (12111715)
      401428.88    3781008.78          8.60540  (12111715)                    401448.88
3781008.78          9.46791  (12111715)
      401468.88    3781008.78         10.25060  (12111715)                    401488.88
3781008.78         10.95206  (12111715)
      401508.88    3781008.78         11.55609  (12111715)                    401528.88
3781008.78         12.00696  (12111715)
      401548.88    3781008.78         12.29704  (12111715)                    401568.88
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3781008.78        12.42939  (12111715)
        401588.88   3781008.78        12.37784  (12111715)                401608.88
3781008.78        12.17485  (12111715)
        401628.88   3781008.78        12.63938  (12021515)                401648.88
3781008.78        12.98180  (12021515)
        401668.88   3781008.78        13.12721  (12021515)                401688.88
3781008.78        13.05043  (12021515)
        401708.88   3781008.78        12.74919  (12021515)                401728.88
3781008.78        12.27112  (12021515)
        401748.88   3781008.78        11.61927  (12021515)                401768.88
3781008.78        10.82155  (12021515)
        401788.88   3781008.78         9.92422  (12021515)                401808.88
3781008.78         8.94282  (12021515)
        401828.88   3781008.78         7.93491  (12021515)                401848.88
3781008.78         7.76345  (15122816)
        401868.88   3781008.78         7.93921  (15122816)                401888.88
3781008.78         8.00104  (15122816)
        401908.88   3781008.78         7.93477  (15122816)                401928.88
3781008.78         8.55972  (12101116)
        401948.88   3781008.78         9.09226  (12101116)                401968.88
3781008.78         9.48975  (12101116)
        401988.88   3781008.78         9.73747  (12101116)                402008.88
3781008.78         9.82506  (12101116)
        402028.88   3781008.78         9.71562  (12101116)                402048.88
3781008.78         9.50154  (12101116)
        402068.88   3781008.78        10.02636  (12042618)                402088.88
3781008.78        10.81826  (12042618)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                             PAGE 277

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3

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              **

       X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)              X-COORD (M)
     Y-COORD (M)        CONC    (YYMMDDHH)
     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - - - - - -
         402108.88   3781008.78       11.51049  (12042618)              402128.88
     3781008.78       12.03735  (12042618)
         402148.88   3781008.78       12.38469  (12042618)              402168.88
     3781008.78       12.53226  (12042618)
         402188.88   3781008.78       12.52393  (12042618)              402208.88
     3781008.78       12.34307  (12042618)
         402228.88   3781008.78       11.99981  (12042618)              402248.88
     3781008.78       12.36422  (12120216)
         402268.88   3781008.78       12.57529  (12120216)              402288.88
     3781008.78       12.59216  (12120216)
         402308.88   3781008.78       12.39623  (12120216)              402328.88
     3781008.78       12.04430  (12120216)
         402348.88   3781008.78       11.49783  (12120216)              402368.88
     3781008.78       10.82169  (12120216)
         402388.88   3781008.78       10.03398  (12120216)              402408.88
     3781008.78        9.16097  (12120216)
         402428.88   3781008.78        8.25168  (12111716)              402448.88
     3781008.78        7.90272  (12111716)
         402468.88   3781008.78        7.47113  (12111716)              402488.88
     3781008.78        6.97726  (12111716)
         402508.88   3781008.78        6.42418  (12111716)              401308.88
     3781028.78        5.07254  (12021216)
         401328.88   3781028.78        5.42826  (12021216)              401348.88
     3781028.78        5.77369  (12021216)
         401368.88   3781028.78        6.07642  (12021216)              401388.88
     3781028.78        6.60309  (12111715)
         401408.88   3781028.78        7.54007  (12111715)              401428.88
     3781028.78        8.45174  (12111715)
         401448.88   3781028.78        9.35502  (12111715)              401468.88
     3781028.78       10.23886  (12111715)
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     3781028.78       11.70192  (12111715)
         401528.88   3781028.78       12.26492  (12111715)              401548.88
     3781028.78       12.66413  (12111715)
         401568.88   3781028.78       12.89468  (12111715)              401588.88
     3781028.78       12.93010  (12111715)
         401608.88   3781028.78       12.79949  (12111715)              401628.88
     3781028.78       12.97115  (12021515)
         401648.88   3781028.78       13.40278  (12021515)              401668.88
     3781028.78       13.62381  (12021515)
         401688.88   3781028.78       13.62231  (12021515)              401708.88
     3781028.78       13.38756  (12021515)
         401728.88   3781028.78       12.95233  (12021515)              401748.88
     3781028.78       12.32845  (12021515)
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       401768.88   3781028.78       11.53337  (12021515)                401788.88
3781028.78       10.62323  (12021515)
       401808.88   3781028.78        9.61822  (12021515)                401828.88
3781028.78        8.57362  (12021515)
       401848.88   3781028.78        8.06032  (15122816)                401868.88
3781028.78        8.24846  (15122816)
       401888.88   3781028.78        8.33467  (15122816)                401908.88
3781028.78        8.29477  (12101116)
       401928.88   3781028.78        8.96713  (12101116)                401948.88
3781028.78        9.52132  (12101116)
       401968.88   3781028.78        9.92239  (12101116)                401988.88
3781028.78       10.15911  (12101116)
       402008.88   3781028.78       10.22505  (12101116)                402028.88
3781028.78       10.09453  (12101116)
       402048.88   3781028.78        9.83795  (12101116)                402068.88
3781028.78       10.71272  (12042618)
       402088.88   3781028.78       11.51915  (12042618)                402108.88
3781028.78       12.16469  (12042618)
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3781028.78       12.98276  (12042618)
       402168.88   3781028.78       13.06328  (12042618)                402188.88
3781028.78       12.99154  (12042618)
       402208.88   3781028.78       12.73249  (12042618)                402228.88
3781028.78       12.67946  (12120216)
       402248.88   3781028.78       13.02576  (12120216)                402268.88
3781028.78       13.14771  (12120216)
       402288.88   3781028.78       13.05916  (12120216)                402308.88
3781028.78       12.74454  (12120216)
       402328.88   3781028.78       12.28113  (12120216)                402348.88
3781028.78       11.61024  (12120216)
       402368.88   3781028.78       10.83166  (12120216)                402388.88
3781028.78        9.95362  (12120216)
       402408.88   3781028.78        8.99731  (12120216)                402428.88
3781028.78        8.36292  (12111716)
       402448.88   3781028.78        7.92882  (12111716)                402468.88
3781028.78        7.42985  (12111716)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,

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                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


    X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)       CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
      402488.88   3781028.78      6.86655  (12111716)             402508.88
3781028.78      6.26593  (12111716)
      401308.88   3781048.78      4.97766  (12021216)             401328.88
3781048.78      5.37311  (12021216)
      401348.88   3781048.78      5.75027  (12021216)             401368.88
3781048.78      6.09647  (12021216)
      401388.88   3781048.78      6.40534  (12021216)             401408.88
3781048.78      7.27262  (12111715)
      401428.88   3781048.78      8.24340  (12111715)             401448.88
3781048.78      9.21885  (12111715)
      401468.88   3781048.78     10.15526  (12111715)             401488.88
3781048.78     11.02757  (12111715)
      401508.88   3781048.78     11.85469  (12111715)             401528.88
3781048.78     12.50885  (12111715)
      401548.88   3781048.78     13.00623  (12111715)             401568.88
3781048.78     13.33785  (12111715)
      401588.88   3781048.78     13.48287  (12111715)             401608.88
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      401628.88   3781048.78     13.32085  (12021515)             401648.88
3781048.78     13.86135  (12021515)
      401668.88   3781048.78     14.15153  (12021515)             401688.88
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3781048.78     12.28699  (12021515)
      401788.88   3781048.78     11.37092  (12021515)             401808.88
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3781048.78      8.36748  (15122816)
      401868.88   3781048.78      8.58063  (15122816)             401888.88
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      401948.88   3781048.78      9.95408  (12101116)             401968.88
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3781048.78       10.48062  (12042618)
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3781048.78       13.66766  (12042618)
        402188.88    3781048.78       13.49021  (12042618)                 402208.88
3781048.78       13.11518  (12042618)
        402228.88    3781048.78       13.42022  (12120216)                 402248.88
3781048.78       13.67620  (12120216)
        402268.88    3781048.78       13.69332  (12120216)                 402288.88
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        402308.88    3781048.78       13.04407  (12120216)                 402328.88
3781048.78       12.43866  (12120216)
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3781048.78       10.78199  (12120216)
        402388.88    3781048.78        9.80934  (12120216)                 402408.88
3781048.78        8.84862  (12111716)
        402428.88    3781048.78        8.42514  (12111716)                 402448.88
3781048.78        7.91567  (12111716)
        402468.88    3781048.78        7.33764  (12111716)                 402488.88
3781048.78        6.71703  (12111716)
        402508.88    3781048.78        6.58850  (14120116)                 401308.88
3781068.78        4.86069  (12021216)
        401328.88    3781068.78        5.28172  (12021216)                 401348.88
3781068.78        5.69805  (12021216)
        401368.88    3781068.78        6.08737  (12021216)                 401388.88
3781068.78        6.45487  (12021216)
        401408.88    3781068.78        6.99210  (12111715)                 401428.88
3781068.78        8.00867  (12111715)
        401448.88    3781068.78        9.02527  (12111715)                 401468.88
3781068.78       10.02738  (12111715)
        401488.88    3781068.78       11.01542  (12111715)                 401508.88
3781068.78       11.91570  (12111715)
        401528.88    3781068.78       12.71151  (12111715)                 401548.88
3781068.78       13.30947  (12111715)
        401568.88    3781068.78       13.77023  (12111715)                 401588.88
3781068.78       14.02589  (12111715)
        401608.88    3781068.78       14.12678  (12111715)                 401628.88
3781068.78       13.99212  (12111715)
```
⋔ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
  *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401648.88   3781068.78   14.28025 (12021515)   401668.88
3781068.78   14.70816 (12021515)
        401688.88   3781068.78   14.83068 (12021515)   401708.88
3781068.78   14.72583 (12021515)
        401728.88   3781068.78   14.41413 (12021515)   401748.88
3781068.78   13.84417 (12021515)
        401768.88   3781068.78   13.08051 (12021515)   401788.88
3781068.78   12.16316 (12021515)
        401808.88   3781068.78   11.13578 (12021515)   401828.88
3781068.78   10.00778 (12021515)
        401848.88   3781068.78   8.82845 (12021515)   401868.88
3781068.78   8.93590 (15122816)
        401888.88   3781068.78   9.03997 (15122816)   401908.88
3781068.78   9.10594 (12101116)
        401928.88   3781068.78   9.83298 (12101116)   401948.88
3781068.78   10.42669 (12101116)
        401968.88   3781068.78   10.84819 (12101116)   401988.88
3781068.78   11.05975 (12101116)
        402008.88   3781068.78   11.09228 (12101116)   402028.88
3781068.78   10.85727 (12101116)
        402048.88   3781068.78   11.25545 (12042618)   402068.88
3781068.78   12.21906 (12042618)
        402088.88   3781068.78   13.02613 (12042618)   402108.88
3781068.78   13.60847 (12042618)
        402128.88   3781068.78   14.04052 (12042618)   402148.88
3781068.78   14.23664 (12042618)

```
      402168.88   3781068.78        14.18438  (12042618)              402188.88
3781068.78        13.93582  (12042618)
      402208.88   3781068.78        13.74518  (12120216)              402228.88
3781068.78        14.15065  (12120216)
      402248.88   3781068.78        14.30083  (12120216)              402268.88
3781068.78        14.20515  (12120216)
      402288.88   3781068.78        13.86796  (12120216)              402308.88
3781068.78        13.30424  (12120216)
      402328.88   3781068.78        12.55715  (12120216)              402348.88
3781068.78        11.67357  (12120216)
      402368.88   3781068.78        10.69535  (12120216)              402388.88
3781068.78         9.63518  (12120216)
      402408.88   3781068.78         8.96498  (12111716)              402428.88
3781068.78         8.45317  (12111716)
      402448.88   3781068.78         7.85634  (12111716)              402468.88
3781068.78         7.20284  (12111716)
      402488.88   3781068.78         6.96790  (14120116)              402508.88
3781068.78         6.98273  (14120116)
      401308.88   3781088.78         4.72060  (12021216)              401328.88
3781088.78         5.16518  (12021216)
      401348.88   3781088.78         5.61366  (12021216)              401368.88
3781088.78         6.04419  (12021216)
      401388.88   3781088.78         6.46725  (12021216)              401408.88
3781088.78         6.83763  (12021216)
      401428.88   3781088.78         7.72645  (12111715)              401448.88
3781088.78         8.78772  (12111715)
      401468.88   3781088.78         9.86014  (12111715)              401488.88
3781088.78        10.94099  (12111715)
      401508.88   3781088.78        11.92604  (12111715)              401528.88
3781088.78        12.82984  (12111715)
      401548.88   3781088.78        13.57240  (12111715)              401568.88
3781088.78        14.17061  (12111715)
      401588.88   3781088.78        14.55514  (12111715)              401608.88
3781088.78        14.75159  (12111715)
      401628.88   3781088.78        14.69451  (12111715)              401648.88
3781088.78        14.62950  (12021515)
      401668.88   3781088.78        15.17880  (12021515)              401688.88
3781088.78        15.47176  (12021515)
      401708.88   3781088.78        15.41633  (12021515)              401728.88
3781088.78        15.15612  (12021515)
      401748.88   3781088.78        14.65836  (12021515)              401768.88
3781088.78        13.92223  (12021515)
      401788.88   3781088.78        13.01112  (12021515)              401808.88
3781088.78        11.96398  (12021515)
      401828.88   3781088.78        10.80694  (12021515)              401848.88
3781088.78         9.57718  (12021515)
      401868.88   3781088.78         9.31373  (15122816)              401888.88
3781088.78         9.42731  (15122816)
      401908.88   3781088.78         9.57129  (12101116)              401928.88
3781088.78        10.31821  (12101116)
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       401948.88   3781088.78       10.90898 (12101116)                  401968.88
3781088.78       11.30664 (12101116)
       401988.88   3781088.78       11.52508 (12101116)                  402008.88
3781088.78       11.52469 (12101116)
```
↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 280
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       402028.88   3781088.78   11.28581 (12101116)   402048.88
3781088.78   12.06625 (12042618)
       402068.88   3781088.78   13.06738 (12042618)   402088.88
3781088.78   13.82213 (12042618)
       402108.88   3781088.78   14.40505 (12042618)   402128.88
3781088.78   14.75953 (12042618)
       402148.88   3781088.78   14.87261 (12042618)   402168.88
3781088.78   14.72379 (12042618)
       402188.88   3781088.78   14.38871 (12042618)   402208.88
3781088.78   14.58603 (12120216)
       402228.88   3781088.78   14.89117 (12120216)   402248.88
3781088.78   14.92619 (12120216)
       402268.88   3781088.78   14.70330 (12120216)   402288.88
3781088.78   14.23337 (12120216)
       402308.88   3781088.78   13.51900 (12120216)   402328.88
3781088.78   12.64399 (12120216)
       402348.88   3781088.78   11.63462 (12120216)   402368.88
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3781088.78        10.53303   (12120216)
        402388.88    3781088.78        9.53205   (12111716)                    402408.88
3781088.78         9.01968   (12111716)
        402428.88    3781088.78        8.41703   (12111716)                    402448.88
3781088.78         7.73095   (12111716)
        402468.88    3781088.78        7.38054   (14120116)                    402488.88
3781088.78         7.39860   (14120116)
        402508.88    3781088.78        7.36506   (14120116)                    401308.88
3781108.78         4.55091   (12021216)
        401328.88    3781108.78        5.02659   (12021216)                    401348.88
3781108.78         5.50075   (12021216)
        401368.88    3781108.78        5.96998   (12021216)                    401388.88
3781108.78         6.44256   (12021216)
        401408.88    3781108.78        6.86589   (12021216)                    401428.88
3781108.78         7.40566   (12111715)
        401448.88    3781108.78        8.50708   (12111715)                    401468.88
3781108.78         9.65409   (12111715)
        401488.88    3781108.78       10.82208   (12111715)                    401508.88
3781108.78        11.89826   (12111715)
        401528.88    3781108.78       12.92016   (12111715)                    401548.88
3781108.78        13.77956   (12111715)
        401568.88    3781108.78       14.52264   (12111715)                    401588.88
3781108.78        15.04772   (12111715)
        401608.88    3781108.78       15.35671   (12111715)                    401628.88
3781108.78        15.43001   (12111715)
        401648.88    3781108.78       15.25920   (12111715)                    401668.88
3781108.78        15.71009   (12021515)
        401688.88    3781108.78       16.10903   (12021515)                    401708.88
3781108.78        16.12635   (12021515)
        401728.88    3781108.78       15.96254   (12021515)                    401748.88
3781108.78        15.51398   (12021515)
        401768.88    3781108.78       14.81987   (12021515)                    401788.88
3781108.78        13.92841   (12021515)
        401808.88    3781108.78       12.87644   (12021515)                    401828.88
3781108.78        11.67629   (12021515)
        401848.88    3781108.78       10.39497   (12021515)                    401868.88
3781108.78         9.71664   (15122816)
        401888.88    3781108.78        9.85340   (15122816)                    401908.88
3781108.78        10.06522   (12101116)
        401928.88    3781108.78       10.84734   (12101116)                    401948.88
3781108.78        11.45369   (12101116)
        401968.88    3781108.78       11.83831   (12101116)                    401988.88
3781108.78        11.99279   (12101116)
        402008.88    3781108.78       11.99979   (12101116)                    402028.88
3781108.78        11.77296   (12042618)
        402048.88    3781108.78       12.95857   (12042618)                    402068.88
3781108.78        13.93361   (12042618)
        402088.88    3781108.78       14.67997   (12042618)                    402108.88
3781108.78        15.22013   (12042618)
        402128.88    3781108.78       15.52851   (12042618)                    402148.88
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3781108.78      15.59687  (12042618)
      402168.88   3781108.78      15.30041  (12042618)            402188.88
3781108.78      15.01041  (12120216)
      402208.88   3781108.78      15.44438  (12120216)            402228.88
3781108.78      15.63357  (12120216)
      402248.88   3781108.78      15.53348  (12120216)            402268.88
3781108.78      15.14972  (12120216)
      402288.88   3781108.78      14.52709  (12120216)            402308.88
3781108.78      13.66702  (12120216)
      402328.88   3781108.78      12.66849  (12120216)            402348.88
3781108.78      11.53877  (12120216)
      402368.88   3781108.78      10.35438  (12120216)            402388.88
3781108.78       9.63987  (12111716)
```

⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                      PAGE 281
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
      402408.88   3781108.78   9.01646 (12111716)   402428.88
3781108.78   8.31149 (12111716)
      402448.88   3781108.78   7.84103 (14120116)   402468.88
3781108.78   7.85378 (14120116)
      402488.88   3781108.78   7.81765 (14120116)   402508.88
3781108.78   7.72939 (14120116)
      401308.88   3781128.78   4.35595 (12021216)   401328.88
3781128.78   4.85151 (12021216)

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     401348.88    3781128.78        5.35594  (12021216)              401368.88
3781128.78        5.85971  (12021216)
     401388.88    3781128.78        6.37669  (12021216)              401408.88
3781128.78        6.86428  (12021216)
     401428.88    3781128.78        7.31503  (12021216)              401448.88
3781128.78        8.19263  (12111715)
     401468.88    3781128.78        9.39259  (12111715)              401488.88
3781128.78       10.63478  (12111715)
     401508.88    3781128.78       11.83076  (12111715)              401528.88
3781128.78       12.97023  (12111715)
     401548.88    3781128.78       13.93464  (12111715)              401568.88
3781128.78       14.82576  (12111715)
     401588.88    3781128.78       15.48246  (12111715)              401608.88
3781128.78       15.94532  (12111715)
     401628.88    3781128.78       16.14588  (12111715)              401648.88
3781128.78       16.10027  (12111715)
     401668.88    3781128.78       16.15389  (12021515)              401688.88
3781128.78       16.66755  (12021515)
     401708.88    3781128.78       16.86633  (12021515)              401728.88
3781128.78       16.79664  (12021515)
     401748.88    3781128.78       16.42740  (12021515)              401768.88
3781128.78       15.77976  (12021515)
     401788.88    3781128.78       14.92557  (12021515)              401808.88
3781128.78       13.84614  (12021515)
     401828.88    3781128.78       12.61613  (12021515)              401848.88
3781128.78       11.29957  (12021515)
     401868.88    3781128.78       10.27035  (15042107)              401888.88
3781128.78       10.30491  (15122816)
     401908.88    3781128.78       10.61181  (12101116)              401928.88
3781128.78       11.40602  (12101116)
     401948.88    3781128.78       12.02490  (12101116)              401968.88
3781128.78       12.39527  (12101116)
     401988.88    3781128.78       12.58241  (12101116)              402008.88
3781128.78       12.50098  (12101116)
     402028.88    3781128.78       12.72200  (12042618)              402048.88
3781128.78       13.87811  (12042618)
     402068.88    3781128.78       14.87920  (12042618)              402088.88
3781128.78       15.59399  (12042618)
     402108.88    3781128.78       16.06742  (12042618)              402128.88
3781128.78       16.28974  (12042618)
     402148.88    3781128.78       16.20656  (12042618)              402168.88
3781128.78       15.90386  (12042618)
     402188.88    3781128.78       15.98267  (12120216)              402208.88
3781128.78       16.31045  (12120216)
     402228.88    3781128.78       16.35598  (12120216)              402248.88
3781128.78       16.09632  (12120216)
     402268.88    3781128.78       15.55764  (12120216)              402288.88
3781128.78       14.75962  (12120216)
     402308.88    3781128.78       13.75668  (12120216)              402328.88
3781128.78       12.63458  (12120216)
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        402348.88   3781128.78      11.38240  (12120216)            402368.88
3781128.78      10.26408  (12111716)
        402388.88   3781128.78       9.64590  (12111716)            402408.88
3781128.78       8.94381  (12111716)
        402428.88   3781128.78       8.32274  (14120116)            402448.88
3781128.78       8.36125  (14120116)
        402468.88   3781128.78       8.31765  (14120116)            402488.88
3781128.78       8.21845  (14120116)
        402508.88   3781128.78       8.06772  (14120116)            401308.88
3781148.78       4.36362  (16093007)
        401328.88   3781148.78       4.65584  (12021216)            401348.88
3781148.78       5.19004  (12021216)
        401368.88   3781148.78       5.71508  (12021216)            401388.88
3781148.78       6.25712  (12021216)
        401408.88   3781148.78       6.80626  (12021216)            401428.88
3781148.78       7.31391  (12021216)
        401448.88   3781148.78       7.83847  (12111715)            401468.88
3781148.78       9.08014  (12111715)
        401488.88   3781148.78      10.40314  (12111715)            401508.88
3781148.78      11.67800  (12111715)
        401528.88   3781148.78      12.91372  (12111715)            401548.88
3781148.78      14.02781  (12111715)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

    X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
    -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        401568.88    3781148.78       15.06535  (12111715)              401588.88
3781148.78       15.90162  (12111715)
        401608.88    3781148.78       16.50971  (12111715)              401628.88
3781148.78       16.86388  (12111715)
        401648.88    3781148.78       16.92174  (12111715)              401668.88
3781148.78       16.68348  (12111715)
        401688.88    3781148.78       17.25044  (12021515)              401708.88
3781148.78       17.60169  (12021515)
        401728.88    3781148.78       17.63415  (12021515)              401748.88
3781148.78       17.35697  (12021515)
        401768.88    3781148.78       16.78202  (12021515)              401788.88
3781148.78       15.95107  (12021515)
        401808.88    3781148.78       14.87881  (12021515)              401828.88
3781148.78       13.62849  (12021515)
        401848.88    3781148.78       12.25029  (12021515)              401868.88
3781148.78       10.90056  (15042107)
        401888.88    3781148.78       10.76478  (15122816)              401908.88
3781148.78       11.15838  (12101116)
        401928.88    3781148.78       11.98841  (12101116)              401948.88
3781148.78       12.61082  (12101116)
        401968.88    3781148.78       12.98943  (12101116)              401988.88
3781148.78       13.16295  (12101116)
        402008.88    3781148.78       13.06157  (12101116)              402028.88
3781148.78       13.71687  (12042618)
        402048.88    3781148.78       14.87106  (12042618)              402068.88
3781148.78       15.84110  (12042618)
        402088.88    3781148.78       16.53743  (12042618)              402108.88
3781148.78       16.96501  (12042618)
        402128.88    3781148.78       17.10045  (12042618)              402148.88
3781148.78       16.92965  (12042618)
        402168.88    3781148.78       16.48599  (12042618)              402188.88
3781148.78       16.95128  (12120216)
        402208.88    3781148.78       17.13972  (12120216)              402228.88
3781148.78       17.00931  (12120216)
        402248.88    3781148.78       16.57774  (12120216)              402268.88
3781148.78       15.86542  (12120216)
        402288.88    3781148.78       14.90745  (12120216)              402308.88
3781148.78       13.76041  (12120216)
        402328.88    3781148.78       12.48091  (12120216)              402348.88
3781148.78       11.11456  (12120216)
        402368.88    3781148.78       10.31715  (12111716)              402388.88
3781148.78        9.58825  (12111716)
        402408.88    3781148.78        8.84697  (14120116)              402428.88
3781148.78        8.89005  (14120116)
        402448.88    3781148.78        8.85775  (14120116)              402468.88
3781148.78        8.75424  (14120116)
        402488.88    3781148.78        8.58665  (14120116)              402508.88
3781148.78        8.36435  (14120116)
        401308.88    3781168.78        4.49391  (16093007)              401328.88
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3781168.78         4.62595  (16093007)
         401348.88   3781168.78         4.97846  (12021216)                401368.88
3781168.78         5.53443  (12021216)
         401388.88   3781168.78         6.12374  (12021216)                401408.88
3781168.78         6.70973  (12021216)
         401428.88   3781168.78         7.27452  (12021216)                401448.88
3781168.78         7.79332  (12021216)
         401468.88   3781168.78         8.72554  (12111715)                401488.88
3781168.78        10.09131  (12111715)
         401508.88   3781168.78        11.45565  (12111715)                401528.88
3781168.78        12.82604  (12111715)
         401548.88   3781168.78        14.05479  (12111715)                401568.88
3781168.78        15.27089  (12111715)
         401588.88   3781168.78        16.28755  (12111715)                401608.88
3781168.78        17.07607  (12111715)
         401628.88   3781168.78        17.56907  (12111715)                401648.88
3781168.78        17.81446  (12111715)
         401668.88   3781168.78        17.67922  (12111715)                401688.88
3781168.78        17.87399  (12021515)
         401708.88   3781168.78        18.37219  (12021515)                401728.88
3781168.78        18.51228  (12021515)
         401748.88   3781168.78        18.35565  (12021515)                401768.88
3781168.78        17.85441  (12021515)
         401788.88   3781168.78        17.06239  (12021515)                401808.88
3781168.78        16.01366  (12021515)
         401828.88   3781168.78        14.73796  (12021515)                401848.88
3781168.78        13.34090  (12021515)
         401868.88   3781168.78        11.75352  (12021515)                401888.88
3781168.78        11.38681  (15042107)
         401908.88   3781168.78        11.81358  (12101116)                401928.88
3781168.78        12.65344  (12101116)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 283
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401948.88	3781168.78	13.30221	(12101116)	401968.88	3781168.78	13.69403	(12101116)
401988.88	3781168.78	13.82053	(12101116)	402008.88	3781168.78	13.66293	(12101116)
402028.88	3781168.78	14.80011	(12042618)	402048.88	3781168.78	15.98287	(12042618)
402068.88	3781168.78	16.93528	(12042618)	402088.88	3781168.78	17.57871	(12042618)
402108.88	3781168.78	17.96272	(12042618)	402128.88	3781168.78	17.94794	(12042618)
402148.88	3781168.78	17.65750	(12042618)	402168.88	3781168.78	17.59335	(12120216)
402188.88	3781168.78	17.95327	(12120216)	402208.88	3781168.78	17.97584	(12120216)
402228.88	3781168.78	17.71657	(12120216)	402248.88	3781168.78	17.09823	(12120216)
402268.88	3781168.78	16.20322	(12120216)	402288.88	3781168.78	15.06854	(12120216)
402308.88	3781168.78	13.70758	(12120216)	402328.88	3781168.78	12.31881	(12120216)
402348.88	3781168.78	11.09698	(12111716)	402368.88	3781168.78	10.34401	(12111716)
402388.88	3781168.78	9.50614	(12111716)	402408.88	3781168.78	9.49555	(14120116)
402428.88	3781168.78	9.46543	(14120116)	402448.88	3781168.78	9.35113	(14120116)
402468.88	3781168.78	9.17617	(14120116)	402488.88	3781168.78	8.91549	(14120116)
402508.88	3781168.78	8.63166	(14120116)	401308.88	3781188.78	4.62993	(16093007)
401328.88	3781188.78	4.77045	(16093007)	401348.88	3781188.78	4.91518	(16093007)
401368.88	3781188.78	5.32030	(12021216)	401388.88	3781188.78	5.93865	(12021216)
401408.88	3781188.78	6.56627	(12021216)	401428.88	3781188.78	7.18807	(12021216)
401448.88	3781188.78	7.77548	(12021216)	401468.88	3781188.78	8.33008	(12021216)
401488.88	3781188.78	9.73314	(12111715)	401508.88	3781188.78	11.17561	(12111715)

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        401528.88   3781188.78       12.65790  (12111715)                401548.88
3781188.78       14.01130  (12111715)
        401568.88   3781188.78       15.38471  (12111715)                401588.88
3781188.78       16.57344  (12111715)
        401608.88   3781188.78       17.54049  (12111715)                401628.88
3781188.78       18.25631  (12111715)
        401648.88   3781188.78       18.63791  (12111715)                401668.88
3781188.78       18.65045  (12111715)
        401688.88   3781188.78       18.48763  (12021515)                401708.88
3781188.78       19.13077  (12021515)
        401728.88   3781188.78       19.42487  (12021515)                401748.88
3781188.78       19.37879  (12021515)
        401768.88   3781188.78       18.95842  (12021515)                401788.88
3781188.78       18.22307  (12021515)
        401808.88   3781188.78       17.17425  (12021515)                401828.88
3781188.78       15.90019  (12021515)
        401848.88   3781188.78       14.46507  (12021515)                401868.88
3781188.78       12.82990  (12021515)
        401888.88   3781188.78       12.13101  (15042107)                401908.88
3781188.78       12.49999  (12101116)
        401928.88   3781188.78       13.35068  (12101116)                401948.88
3781188.78       14.00615  (12101116)
        401968.88   3781188.78       14.38450  (12101116)                401988.88
3781188.78       14.49178  (12101116)
        402008.88   3781188.78       14.52783  (12042618)                402028.88
3781188.78       15.95513  (12042618)
        402048.88   3781188.78       17.18718  (12042618)                402068.88
3781188.78       18.11478  (12042618)
        402088.88   3781188.78       18.67309  (12042618)                402108.88
3781188.78       18.93568  (12042618)
        402128.88   3781188.78       18.78908  (12042618)                402148.88
3781188.78       18.33730  (12042618)
        402168.88   3781188.78       18.67167  (12120216)                402188.88
3781188.78       18.94436  (12120216)
        402208.88   3781188.78       18.79628  (12120216)                402228.88
3781188.78       18.33443  (12120216)
        402248.88   3781188.78       17.52844  (12120216)                402268.88
3781188.78       16.44743  (12120216)
        402288.88   3781188.78       15.07668  (12120216)                402308.88
3781188.78       13.57773  (12120216)
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⤊ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 284
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***

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                              INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,


                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                **


      X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)            X-COORD (M)
Y-COORD (M)      CONC     (YYMMDDHH)
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        402328.88   3781188.78      12.07388 (12120216)            402348.88
3781188.78      11.16634 (12111716)
        402368.88   3781188.78      10.28086 (12111716)            402388.88
3781188.78      10.14820 (14120116)
        402408.88   3781188.78      10.11625 (14120116)            402428.88
3781188.78       9.99568 (14120116)
        402448.88   3781188.78       9.80214 (14120116)            402468.88
3781188.78       9.54181 (14120116)
        402488.88   3781188.78       9.20016 (14120116)            402508.88
3781188.78       8.83471 (14120116)
        401308.88   3781208.78       4.77188 (16093007)            401328.88
3781208.78       4.92069 (16093007)
        401348.88   3781208.78       5.07646 (16093007)            401368.88
3781208.78       5.22540 (16093007)
        401388.88   3781208.78       5.71665 (12021216)            401408.88
3781208.78       6.37825 (12021216)
        401428.88   3781208.78       7.04794 (12021216)            401448.88
3781208.78       7.70261 (12021216)
        401468.88   3781208.78       8.33629 (12021216)            401488.88
3781208.78       9.32339 (12111715)
        401508.88   3781208.78      10.83596 (12111715)            401528.88
3781208.78      12.40695 (12111715)
        401548.88   3781208.78      13.89634 (12111715)            401568.88
3781208.78      15.41108 (12111715)
        401588.88   3781208.78      16.78568 (12111715)            401608.88
3781208.78      17.98516 (12111715)
        401628.88   3781208.78      18.87930 (12111715)            401648.88
3781208.78      19.42811 (12111715)
        401668.88   3781208.78      19.63538 (12111715)            401688.88
3781208.78      19.50449 (12111715)
        401708.88   3781208.78      19.90299 (12021515)            401728.88
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3781208.78          20.37187  (12021515)
        401748.88    3781208.78          20.46790  (12021515)                    401768.88
3781208.78          20.13192  (12021515)
        401788.88    3781208.78          19.46048  (12021515)                    401808.88
3781208.78          18.47777  (12021515)
        401828.88    3781208.78          17.17284  (12021515)                    401848.88
3781208.78          15.68499  (12021515)
        401868.88    3781208.78          14.00155  (12021515)                    401888.88
3781208.78          12.92601  (15042107)
        401908.88    3781208.78          13.22219  (12101116)                    401928.88
3781208.78          14.12783  (12101116)
        401948.88    3781208.78          14.78635  (12101116)                    401968.88
3781208.78          15.16896  (12101116)
        401988.88    3781208.78          15.18021  (12101116)                    402008.88
3781208.78          15.71730  (12042618)
        402028.88    3781208.78          17.22007  (12042618)                    402048.88
3781208.78          18.45209  (12042618)
        402068.88    3781208.78          19.33830  (12042618)                    402088.88
3781208.78          19.80541  (12042618)
        402108.88    3781208.78          19.95397  (12042618)                    402128.88
3781208.78          19.70606  (12042618)
        402148.88    3781208.78          19.44710  (12120216)                    402168.88
3781208.78          19.91316  (12120216)
        402188.88    3781208.78          19.94910  (12120216)                    402208.88
3781208.78          19.60212  (12120216)
        402228.88    3781208.78          18.90503  (12120216)                    402248.88
3781208.78          17.86551  (12120216)
        402268.88    3781208.78          16.56015  (12120216)                    402288.88
3781208.78          15.03832  (12120216)
        402308.88    3781208.78          13.36954  (12120216)                    402328.88
3781208.78          12.02272  (12111716)
        402348.88    3781208.78          11.14163  (12111716)                    402368.88
3781208.78          10.88303  (14120116)
        402388.88    3781208.78          10.85172  (14120116)                    402408.88
3781208.78          10.72486  (14120116)
        402428.88    3781208.78          10.50342  (14120116)                    402448.88
3781208.78          10.20835  (14120116)
        402468.88    3781208.78           9.85006  (14120116)                    402488.88
3781208.78           9.42580  (14120116)
        402508.88    3781208.78           8.97573  (14120116)                    401308.88
3781228.78           4.91598  (16093007)
        401328.88    3781228.78           5.07481  (16093007)                    401348.88
3781228.78           5.24126  (16093007)
        401368.88    3781228.78           5.40475  (16093007)                    401388.88
3781228.78           5.58415  (16093007)
        401408.88    3781228.78           6.15594  (12021216)                    401428.88
3781228.78           6.86845  (12021216)
        401448.88    3781228.78           7.57632  (12021216)                    401468.88
3781228.78           8.27455  (12021216)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401488.88   3781228.78   8.95344 (12021216)   401508.88
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        401528.88   3781228.78   12.09237 (12111715)   401548.88
3781228.78   13.69906 (12111715)
        401568.88   3781228.78   15.34146 (12111715)   401588.88
3781228.78   16.91909 (12111715)
        401608.88   3781228.78   18.31646 (12111715)   401628.88
3781228.78   19.43928 (12111715)
        401648.88   3781228.78   20.21583 (12111715)   401668.88
3781228.78   20.62490 (12111715)
        401688.88   3781228.78   20.65736 (12111715)   401708.88
3781228.78   20.70072 (12021515)
        401728.88   3781228.78   21.36317 (12021515)   401748.88
3781228.78   21.56778 (12021515)
        401768.88   3781228.78   21.36285 (12021515)   401788.88
3781228.78   20.78987 (12021515)
        401808.88   3781228.78   19.79708 (12021515)   401828.88
3781228.78   18.54709 (12021515)
        401848.88   3781228.78   17.02683 (12021515)   401868.88
3781228.78   15.27917 (12021515)
        401888.88   3781228.78   13.80329 (15042107)   401908.88
3781228.78   13.99405 (12101116)

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      401928.88   3781228.78      14.97607  (12101116)          401948.88
3781228.78      15.63441  (12101116)
      401968.88   3781228.78      15.95974  (12101116)          401988.88
3781228.78      15.92215  (12101116)
      402008.88   3781228.78      17.05807  (12042618)          402028.88
3781228.78      18.54568  (12042618)
      402048.88   3781228.78      19.77668  (12042618)          402068.88
3781228.78      20.62528  (12042618)
      402088.88   3781228.78      21.03258  (12042618)          402108.88
3781228.78      21.08740  (12042618)
      402128.88   3781228.78      20.62194  (12042618)          402148.88
3781228.78      20.82146  (12120216)
      402168.88   3781228.78      21.10719  (12120216)          402188.88
3781228.78      20.94104  (12120216)
      402208.88   3781228.78      20.35808  (12120216)          402228.88
3781228.78      19.40539  (12120216)
      402248.88   3781228.78      18.13035  (12120216)          402268.88
3781228.78      16.60332  (12120216)
      402288.88   3781228.78      14.87464  (12120216)          402308.88
3781228.78      13.06981  (12120216)
      402328.88   3781228.78      12.04348  (12111716)          402348.88
3781228.78      11.67088  (14120116)
      402368.88   3781228.78      11.65713  (14120116)          402388.88
3781228.78      11.51209  (14120116)
      402408.88   3781228.78      11.28362  (14120116)          402428.88
3781228.78      10.97132  (14120116)
      402448.88   3781228.78      10.56695  (14120116)          402468.88
3781228.78      10.10983  (14120116)
      402488.88   3781228.78       9.58753  (14120116)          402508.88
3781228.78       9.04907  (14120116)
      401308.88   3781248.78       5.06253  (16093007)          401328.88
3781248.78       5.23274  (16093007)
      401348.88   3781248.78       5.40888  (16093007)          401368.88
3781248.78       5.59092  (16093007)
      401388.88   3781248.78       5.78285  (16093007)          401408.88
3781248.78       5.98009  (16093007)
      401428.88   3781248.78       6.63067  (12021216)          401448.88
3781248.78       7.39487  (12021216)
      401468.88   3781248.78       8.16044  (12021216)          401488.88
3781248.78       8.91085  (12021216)
      401508.88   3781248.78       9.96381  (12111715)          401528.88
3781248.78      11.68632  (12111715)
      401548.88   3781248.78      13.42285  (12111715)          401568.88
3781248.78      15.26845  (12111715)
      401588.88   3781248.78      17.00488  (12111715)          401608.88
3781248.78      18.59589  (12111715)
      401628.88   3781248.78      19.93699  (12111715)          401648.88
3781248.78      20.94848  (12111715)
      401668.88   3781248.78      21.58916  (12111715)          401688.88
3781248.78      21.85143  (12111715)
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      401708.88   3781248.78       21.72427  (12111715)               401728.88
3781248.78       22.32901  (12021515)
      401748.88   3781248.78       22.75911  (12021515)               401768.88
3781248.78       22.66346  (12021515)
      401788.88   3781248.78       22.18542  (12021515)               401808.88
3781248.78       21.29455  (12021515)
      401828.88   3781248.78       20.01364  (12021515)               401848.88
3781248.78       18.48446  (12021515)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                                 PAGE 286
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                 *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
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      401868.88   3781248.78       16.68189  (12021515)               401888.88
3781248.78       14.81146  (12021515)
      401908.88   3781248.78       14.89087  (12101116)               401928.88
3781248.78       15.88960  (12101116)
      401948.88   3781248.78       16.50559  (12101116)               401968.88
3781248.78       16.79981  (12101116)
      401988.88   3781248.78       16.88880  (12042618)               402008.88
3781248.78       18.54485  (12042618)
      402028.88   3781248.78       20.04933  (12042618)               402048.88
3781248.78       21.21856  (12042618)
      402068.88   3781248.78       21.97352  (12042618)               402088.88
3781248.78       22.28143  (12042618)
      402108.88   3781248.78       22.13407  (12042618)               402128.88
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3781248.78        21.75321  (12120216)
       402148.88    3781248.78       22.21722  (12120216)                      402168.88
3781248.78        22.28144  (12120216)
       402188.88    3781248.78       21.91722  (12120216)                      402208.88
3781248.78        21.08269  (12120216)
       402228.88    3781248.78       19.86026  (12120216)                      402248.88
3781248.78        18.30954  (12120216)
       402268.88    3781248.78       16.55151  (12120216)                      402288.88
3781248.78        14.64202  (12120216)
       402308.88    3781248.78       13.04230  (12111716)                      402328.88
3781248.78        12.53584  (14120116)
       402348.88    3781248.78       12.55842  (14120116)                      402368.88
3781248.78        12.40966  (14120116)
       402388.88    3781248.78       12.15747  (14120116)                      402408.88
3781248.78        11.79826  (14120116)
       402428.88    3781248.78       11.36237  (14120116)                      402448.88
3781248.78        10.84231  (14120116)
       402468.88    3781248.78       10.28595  (14120116)                      402488.88
3781248.78         9.67541  (14120116)
       402508.88    3781248.78        9.25693  (12012517)                      401308.88
3781268.78         5.21019  (16093007)
       401328.88    3781268.78        5.39125  (16093007)                      401348.88
3781268.78         5.57706  (16093007)
       401368.88    3781268.78        5.77151  (16093007)                      401388.88
3781268.78         5.97540  (16093007)
       401408.88    3781268.78        6.18765  (16093007)                      401428.88
3781268.78         6.40630  (16093007)
       401448.88    3781268.78        7.14486  (12021216)                      401468.88
3781268.78         7.96510  (12021216)
       401488.88    3781268.78        8.78591  (12021216)                      401508.88
3781268.78         9.58355  (12021216)
       401528.88    3781268.78       11.18604  (12111715)                      401548.88
3781268.78        13.05555  (12111715)
       401568.88    3781268.78       15.00236  (12111715)                      401588.88
3781268.78        16.90995  (12111715)
       401608.88    3781268.78       18.70904  (12111715)                      401628.88
3781268.78        20.30210  (12111715)
       401648.88    3781268.78       21.59605  (12111715)                      401668.88
3781268.78        22.51965  (12111715)
       401688.88    3781268.78       23.03380  (12111715)                      401708.88
3781268.78        23.10612  (12111715)
       401728.88    3781268.78       23.33859  (12021515)                      401748.88
3781268.78        23.93785  (12021515)
       401768.88    3781268.78       24.05130  (12021515)                      401788.88
3781268.78        23.67422  (12021515)
       401808.88    3781268.78       22.84655  (12021515)                      401828.88
3781268.78        21.62006  (12021515)
       401848.88    3781268.78       20.06502  (12021515)                      401868.88
3781268.78        18.22232  (12021515)
       401888.88    3781268.78       16.27471  (12021515)                      401908.88
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3781268.78       15.83978  (12101116)
        401928.88    3781268.78      16.85366  (12101116)                401948.88
3781268.78       17.45661  (12101116)
        401968.88    3781268.78      17.78310  (12101116)                401988.88
3781268.78       18.51890  (12042618)
        402008.88    3781268.78      20.15538  (12042618)                402028.88
3781268.78       21.69217  (12042618)
        402048.88    3781268.78      22.80348  (12042618)                402068.88
3781268.78       23.46509  (12042618)
        402088.88    3781268.78      23.59778  (12042618)                402108.88
3781268.78       23.32642  (12042618)
        402128.88    3781268.78      23.35993  (12120216)                402148.88
3781268.78       23.66142  (12120216)
        402168.88    3781268.78      23.46378  (12120216)                402188.88
3781268.78       22.82623  (12120216)
        402208.88    3781268.78      21.70826  (12120216)                402228.88
3781268.78       20.22235  (12120216)
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at *** 04/07/21
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 287

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402248.88   3781268.78   18.39678 (12120216)   402268.88
3781268.78   16.38229 (12120216)
        402288.88   3781268.78   14.29035 (12120216)   402308.88
3781268.78   13.49568 (14120116)

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      402328.88    3781268.78        13.51655  (14120116)                402348.88
3781268.78        13.38545  (14120116)
      402368.88    3781268.78        13.11590  (14120116)                402388.88
3781268.78        12.72420  (14120116)
      402408.88    3781268.78        12.23783  (14120116)                402428.88
3781268.78        11.66994  (14120116)
      402448.88    3781268.78        11.03999  (14120116)                402468.88
3781268.78        10.38066  (14120116)
      402488.88    3781268.78         9.87988  (12012517)                402508.88
3781268.78         9.55879  (12012517)
      401308.88    3781288.78         5.36366  (16093007)                401328.88
3781288.78         5.55446  (16093007)
      401348.88    3781288.78         5.75491  (16093007)                401368.88
3781288.78         5.95927  (16093007)
      401388.88    3781288.78         6.18169  (16093007)                401408.88
3781288.78         6.41605  (16093007)
      401428.88    3781288.78         6.65220  (16093007)                401448.88
3781288.78         6.89117  (16093007)
      401468.88    3781288.78         7.72287  (12021216)                401488.88
3781288.78         8.62014  (12021216)
      401508.88    3781288.78         9.50815  (12021216)                401528.88
3781288.78        10.67237  (12111715)
      401548.88    3781288.78        12.60678  (12111715)                401568.88
3781288.78        14.70196  (12111715)
      401588.88    3781288.78        16.79418  (12111715)                401608.88
3781288.78        18.84148  (12111715)
      401628.88    3781288.78        20.66061  (12111715)                401648.88
3781288.78        22.20247  (12111715)
      401668.88    3781288.78        23.42045  (12111715)                401688.88
3781288.78        24.22592  (12111715)
      401708.88    3781288.78        24.57817  (12111715)                401728.88
3781288.78        24.38083  (12021515)
      401748.88    3781288.78        25.20561  (12021515)                401768.88
3781288.78        25.49307  (12021515)
      401788.88    3781288.78        25.28975  (12021515)                401808.88
3781288.78        24.54439  (12021515)
      401828.88    3781288.78        23.38003  (12021515)                401848.88
3781288.78        21.85083  (12021515)
      401868.88    3781288.78        19.91686  (12021515)                401888.88
3781288.78        17.92509  (12021515)
      401908.88    3781288.78        16.91302  (12101116)                401928.88
3781288.78        17.88917  (12101116)
      401948.88    3781288.78        18.59085  (12101116)                401968.88
3781288.78        18.85157  (12101116)
      401988.88    3781288.78        20.18392  (12042618)                402008.88
3781288.78        21.82392  (12042618)
      402028.88    3781288.78        23.27070  (12042618)                402048.88
3781288.78        24.36299  (12042618)
      402068.88    3781288.78        25.05573  (12042618)                402088.88
3781288.78        25.10203  (12042618)
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      402108.88   3781288.78      24.54314  (12042618)                402128.88
3781288.78      25.02698  (12120216)
      402148.88   3781288.78      25.08110  (12120216)                402168.88
3781288.78      24.62505  (12120216)
      402188.88   3781288.78      23.68106  (12120216)                402208.88
3781288.78      22.25287  (12120216)
      402228.88   3781288.78      20.44541  (12120216)                402248.88
3781288.78      18.38510  (12120216)
      402268.88   3781288.78      16.11224  (12120216)                402288.88
3781288.78      14.58733  (14120116)
      402308.88   3781288.78      14.60860  (14120116)                402328.88
3781288.78      14.47326  (14120116)
      402348.88   3781288.78      14.19573  (14120116)                402368.88
3781288.78      13.77030  (14120116)
      402388.88   3781288.78      13.22206  (14120116)                402408.88
3781288.78      12.60167  (14120116)
      402428.88   3781288.78      11.88923  (14120116)                402448.88
3781288.78      11.15118  (14120116)
      402468.88   3781288.78      10.59563  (12012517)                402488.88
3781288.78      10.18476  (12012517)
      402508.88   3781288.78       9.79511  (12012517)                401308.88
3781308.78       5.52443  (16093007)
      401328.88   3781308.78       5.72614  (16093007)                401348.88
3781308.78       5.94176  (16093007)
      401368.88   3781308.78       6.15762  (16093007)                401388.88
3781308.78       6.39775  (16093007)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 288
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

```
     X-COORD (M)  Y-COORD (M)      CONC    (YYMMDDHH)              X-COORD (M)
Y-COORD (M)      CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - -
       401408.88   3781308.78       6.65137  (16093007)              401428.88
3781308.78       6.89923  (16093007)
       401448.88   3781308.78       7.16105  (16093007)              401468.88
3781308.78       7.43709  (16093007)
       401488.88   3781308.78       8.38788  (12021216)              401508.88
3781308.78       9.36022  (12021216)
       401528.88   3781308.78      10.32582  (12021216)              401548.88
3781308.78      12.07656  (12111715)
       401568.88   3781308.78      14.26679  (12111715)              401588.88
3781308.78      16.53627  (12111715)
       401608.88   3781308.78      18.73981  (12111715)              401628.88
3781308.78      20.85480  (12111715)
       401648.88   3781308.78      22.72306  (12111715)              401668.88
3781308.78      24.24872  (12111715)
       401688.88   3781308.78      25.34165  (12111715)              401708.88
3781308.78      25.96224  (12111715)
       401728.88   3781308.78      26.01113  (12111715)              401748.88
3781308.78      26.47038  (12021515)
       401768.88   3781308.78      27.03039  (12021515)              401788.88
3781308.78      26.96938  (12021515)
       401808.88   3781308.78      26.35406  (12021515)              401828.88
3781308.78      25.23656  (12021515)
       401848.88   3781308.78      23.66341  (12021515)              401868.88
3781308.78      21.77603  (12021515)
       401888.88   3781308.78      19.68655  (12021515)              401908.88
3781308.78      18.02503  (12101116)
       401928.88   3781308.78      19.00823  (12101116)              401948.88
3781308.78      19.78568  (12101116)
       401968.88   3781308.78      19.94601  (12042618)              401988.88
3781308.78      22.06563  (12042618)
       402008.88   3781308.78      23.78917  (12042618)              402028.88
3781308.78      25.12282  (12042618)
       402048.88   3781308.78      26.07109  (12042618)              402068.88
3781308.78      26.65057  (12042618)
       402088.88   3781308.78      26.55676  (12042618)              402108.88
3781308.78      26.37961  (12120216)
       402128.88   3781308.78      26.76266  (12120216)              402148.88
3781308.78      26.59272  (12120216)
       402168.88   3781308.78      25.81089  (12120216)              402188.88
3781308.78      24.49802  (12120216)
       402208.88   3781308.78      22.69341  (12120216)              402228.88
3781308.78      20.56412  (12120216)
       402248.88   3781308.78      18.19853  (12120216)              402268.88
3781308.78      15.82864  (14120116)
       402288.88   3781308.78      15.86569  (14120116)              402308.88
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3781308.78         15.71084  (14120116)
        402328.88   3781308.78         15.39824  (14120116)                  402348.88
3781308.78         14.94603  (14120116)
        402368.88   3781308.78         14.34192  (14120116)                  402388.88
3781308.78         13.63802  (14120116)
        402408.88   3781308.78         12.84984  (14120116)                  402428.88
3781308.78         12.01704  (14120116)
        402448.88   3781308.78         11.40876  (12012517)                  402468.88
3781308.78         10.93245  (12012517)
        402488.88   3781308.78         10.40425  (12012517)                  402508.88
3781308.78          9.95492  (12012517)
        401308.88   3781328.78          5.68194  (16093007)                  401328.88
3781328.78          5.90090  (16093007)
        401348.88   3781328.78          6.13234  (16093007)                  401368.88
3781328.78          6.36025  (16093007)
        401388.88   3781328.78          6.61729  (16093007)                  401408.88
3781328.78          6.88934  (16093007)
        401428.88   3781328.78          7.15957  (16093007)                  401448.88
3781328.78          7.44944  (16093007)
        401468.88   3781328.78          7.74888  (16093007)                  401488.88
3781328.78          8.08044  (12021216)
        401508.88   3781328.78          9.13550  (12021216)                  401528.88
3781328.78         10.18510  (12021216)
        401548.88   3781328.78         11.47031  (12111715)                  401568.88
3781328.78         13.75470  (12111715)
        401588.88   3781328.78         16.17803  (12111715)                  401608.88
3781328.78         18.62612  (12111715)
        401628.88   3781328.78         21.00867  (12111715)                  401648.88
3781328.78         23.24313  (12111715)
        401668.88   3781328.78         25.05571  (12111715)                  401688.88
3781328.78         26.56081  (12111715)
        401708.88   3781328.78         27.47475  (12111715)                  401728.88
3781328.78         27.79382  (12111715)
        401748.88   3781328.78         27.81642  (12021515)                  401768.88
3781328.78         28.65012  (12021515)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 289
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
             L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
             L0000014   , L0000015   , L0000016   , L0000017   , L0000018

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, L0000019    , L0000020    , L0000021     ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .      ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10    IN MICROGRAMS/M**3
             **

     X-COORD (M)   Y-COORD (M)        CONC     (YYMMDDHH)           X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        401788.88   3781328.78       28.77983 (12021515)            401808.88
3781328.78       28.29628 (12021515)
        401828.88   3781328.78       27.35089 (12021515)            401848.88
3781328.78       25.71159 (12021515)
        401868.88   3781328.78       23.82033 (12021515)            401888.88
3781328.78       21.68569 (12021515)
        401908.88   3781328.78       19.29587 (15042107)            401928.88
3781328.78       20.44580 (12101116)
        401948.88   3781328.78       21.25078 (12101116)            401968.88
3781328.78       22.23147 (12042618)
        401988.88   3781328.78       24.28516 (12042618)            402008.88
3781328.78       26.02972 (12042618)
        402028.88   3781328.78       27.24136 (12042618)            402048.88
3781328.78       27.94775 (12042618)
        402068.88   3781328.78       28.35764 (12042618)            402088.88
3781328.78       28.09183 (12042618)
        402108.88   3781328.78       28.36660 (12120216)            402128.88
3781328.78       28.58403 (12120216)
        402148.88   3781328.78       27.94468 (12120216)            402168.88
3781328.78       26.85217 (12120216)
        402188.88   3781328.78       25.16924 (12120216)            402208.88
3781328.78       23.01790 (12120216)
        402228.88   3781328.78       20.55474 (12120216)            402248.88
3781328.78       17.90291 (12120216)
        402268.88   3781328.78       17.27792 (14120116)            402288.88
3781328.78       17.11955 (14120116)
        402308.88   3781328.78       16.76452 (14120116)            402328.88
3781328.78       16.25904 (14120116)
        402348.88   3781328.78       15.61357 (14120116)            402368.88
3781328.78       14.80471 (14120116)
        402388.88   3781328.78       13.90463 (14120116)            402408.88
3781328.78       12.98214 (14120116)
        402428.88   3781328.78       12.30092 (12012517)            402448.88
3781328.78       11.74511 (12012517)
        402468.88   3781328.78       11.14912 (12012517)            402488.88
3781328.78       10.52012 (12012517)
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      402508.88   3781328.78      11.14942  (12031616)              401308.88
3781348.78       5.83893  (16093007)
      401328.88   3781348.78       6.07195  (16093007)              401348.88
3781348.78       6.31797  (16093007)
      401368.88   3781348.78       6.56643  (16093007)              401388.88
3781348.78       6.84028  (16093007)
      401408.88   3781348.78       7.13371  (16093007)              401428.88
3781348.78       7.43193  (16093007)
      401448.88   3781348.78       7.73760  (16093007)              401468.88
3781348.78       8.06954  (16093007)
      401488.88   3781348.78       8.42397  (16093007)              401508.88
3781348.78       8.82895  (12021216)
      401528.88   3781348.78       9.98453  (12021216)              401548.88
3781348.78      11.07688  (12021216)
      401568.88   3781348.78      13.14254  (12111715)              401588.88
3781348.78      15.64887  (12111715)
      401608.88   3781348.78      18.32872  (12111715)              401628.88
3781348.78      20.96498  (12111715)
      401648.88   3781348.78      23.48562  (12111715)              401668.88
3781348.78      25.74958  (12111715)
      401688.88   3781348.78      27.56609  (12111715)              401708.88
3781348.78      28.89665  (12111715)
      401728.88   3781348.78      29.57106  (12111715)              401748.88
3781348.78      29.62193  (12111715)
      401768.88   3781348.78      30.33367  (12021515)              401788.88
3781348.78      30.65739  (12021515)
      401808.88   3781348.78      30.35943  (12021515)              401828.88
3781348.78      29.47242  (12021515)
      401848.88   3781348.78      28.01608  (12021515)              401868.88
3781348.78      26.07465  (12021515)
      401888.88   3781348.78      23.90977  (12021515)              401908.88
3781348.78      21.36520  (12021515)
      401928.88   3781348.78      21.90723  (12101116)              401948.88
3781348.78      22.59480  (12101116)
      401968.88   3781348.78      24.50942  (12042618)              401988.88
3781348.78      26.64476  (12042618)
      402008.88   3781348.78      28.33538  (12042618)              402028.88
3781348.78      29.53771  (12042618)
      402048.88   3781348.78      30.09095  (12042618)              402068.88
3781348.78      30.20136  (12042618)
      402088.88   3781348.78      30.08311  (12120216)              402108.88
3781348.78      30.60372  (12120216)
      402128.88   3781348.78      30.37465  (12120216)              402148.88
3781348.78      29.46472  (12120216)
```
↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

        PAGE 290

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP     ***
                             INCLUDING SOURCE(S):     L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                               ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

     X-COORD (M)  Y-COORD (M)        CONC    (YYMMDDHH)           X-COORD (M)
Y-COORD (M)        CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
       402168.88   3781348.78       27.91971 (12120216)           402188.88
3781348.78       25.82395 (12120216)
       402208.88   3781348.78       23.21808 (12120216)           402228.88
3781348.78       20.44008 (12120216)
       402248.88   3781348.78       18.92408 (14120116)           402268.88
3781348.78       18.73516 (14120116)
       402288.88   3781348.78       18.35698 (14120116)           402308.88
3781348.78       17.74720 (14120116)
       402328.88   3781348.78       16.99823 (14120116)           402348.88
3781348.78       16.11375 (14120116)
       402368.88   3781348.78       15.11723 (14120116)           402388.88
3781348.78       14.04792 (14120116)
       402408.88   3781348.78       13.23948 (12012517)           402428.88
3781348.78       12.65418 (12012517)
       402448.88   3781348.78       11.96959 (12012517)           402468.88
3781348.78       12.18999 (12031616)
       402488.88   3781348.78       12.85029 (12031616)           402508.88
3781348.78       13.61934 (12031616)
       401308.88   3781368.78        5.99876 (16093007)           401328.88
3781368.78        6.24559 (16093007)
       401348.88   3781368.78        6.50813 (16093007)           401368.88
3781368.78        6.77540 (16093007)
       401388.88   3781368.78        7.06443 (16093007)           401408.88
3781368.78        7.37814 (16093007)
       401428.88   3781368.78        7.70176 (16093007)           401448.88
3781368.78        8.03862 (16093007)
       401468.88   3781368.78        8.39367 (16093007)           401488.88
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3781368.78          8.78435  (16093007)
     401508.88    3781368.78           9.17831  (16093007)                401528.88
3781368.78          9.65344  (12021216)
     401548.88    3781368.78          10.85776  (12021216)                401568.88
3781368.78         12.42318  (12111715)
     401588.88    3781368.78          15.04544  (12111715)                401608.88
3781368.78         17.85788  (12111715)
     401628.88    3781368.78          20.76707  (12111715)                401648.88
3781368.78         23.62647  (12111715)
     401668.88    3781368.78          26.29378  (12111715)                401688.88
3781368.78         28.56202  (12111715)
     401708.88    3781368.78          30.33929  (12111715)                401728.88
3781368.78         31.41819  (12111715)
     401748.88    3781368.78          31.82260  (12111715)                401768.88
3781368.78         32.17140  (12021515)
     401788.88    3781368.78          32.80705  (12021515)                401808.88
3781368.78         32.69067  (12021515)
     401828.88    3781368.78          31.86465  (12021515)                401848.88
3781368.78         30.47444  (12021515)
     401868.88    3781368.78          28.56789  (12021515)                401888.88
3781368.78         26.34101  (12021515)
     401908.88    3781368.78          23.72607  (12021515)                401928.88
3781368.78         23.53417  (12101116)
     401948.88    3781368.78          24.45700  (12042618)                401968.88
3781368.78         27.16251  (12042618)
     401988.88    3781368.78          29.14037  (12042618)                402008.88
3781368.78         30.87800  (12042618)
     402028.88    3781368.78          31.88598  (12042618)                402048.88
3781368.78         32.21512  (12042618)
     402068.88    3781368.78          32.10060  (12042618)                402088.88
3781368.78         32.48735  (12120216)
     402108.88    3781368.78          32.78962  (12120216)                402128.88
3781368.78         32.24254  (12120216)
     402148.88    3781368.78          30.93729  (12120216)                402168.88
3781368.78         28.93873  (12120216)
     402188.88    3781368.78          26.21245  (12120216)                402208.88
3781368.78         23.23008  (12120216)
     402228.88    3781368.78          20.69020  (14120116)                402248.88
3781368.78         20.57219  (14120116)
     402268.88    3781368.78          20.14978  (14120116)                402288.88
3781368.78         19.48072  (14120116)
     402308.88    3781368.78          18.61613  (14120116)                402328.88
3781368.78         17.60236  (14120116)
     402348.88    3781368.78          16.49940  (14120116)                402368.88
3781368.78         15.27233  (14120116)
     402388.88    3781368.78          14.33446  (12012517)                402408.88
3781368.78         13.62711  (12012517)
     402428.88    3781368.78          13.54148  (12031616)                402448.88
3781368.78         14.32481  (12031616)
     402468.88    3781368.78          14.93214  (12031616)                402488.88
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3781368.78        15.61131  (12031616)
        402508.88   3781368.78        16.25302  (12031616)                 401308.88
3781388.78         6.15998  (16093007)
```
⤴ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 291
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                      INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401328.88   3781388.78   6.42128 (16093007)   401348.88
3781388.78   6.69836 (16093007)
        401368.88   3781388.78   6.98575 (16093007)   401388.88
3781388.78   7.29465 (16093007)
        401408.88   3781388.78   7.63065 (16093007)   401428.88
3781388.78   7.97790 (16093007)
        401448.88   3781388.78   8.34349 (16093007)   401468.88
3781388.78   8.73528 (16093007)
        401488.88   3781388.78   9.15944 (16093007)   401508.88
3781388.78   9.59751 (16093007)
        401528.88   3781388.78   10.05440 (16093007)   401548.88
3781388.78   10.53540 (12021216)
        401568.88   3781388.78   11.95977 (12021216)   401588.88
3781388.78   14.29318 (12111715)
        401608.88   3781388.78   17.25761 (12111715)   401628.88
3781388.78   20.40299 (12111715)
        401648.88   3781388.78   23.58652 (12111715)   401668.88
3781388.78   26.75210 (12111715)
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        401688.88    3781388.78         29.49281  (12111715)                401708.88
3781388.78        31.71898  (12111715)
        401728.88    3781388.78         33.34401  (12111715)                401748.88
3781388.78        34.06959  (12111715)
        401768.88    3781388.78         34.15323  (12111715)                401788.88
3781388.78        35.12951  (12021515)
        401808.88    3781388.78         35.21392  (12021515)                401828.88
3781388.78        34.55406  (12021515)
        401848.88    3781388.78         33.25175  (12021515)                401868.88
3781388.78        31.30418  (12021515)
        401888.88    3781388.78         29.20035  (12021515)                401908.88
3781388.78        26.48499  (12021515)
        401928.88    3781388.78         25.32445  (12101116)                401948.88
3781388.78        27.36016  (12042618)
        401968.88    3781388.78         30.00519  (12042618)                401988.88
3781388.78        32.12766  (12042618)
        402008.88    3781388.78         33.58871  (12042618)                402028.88
3781388.78        34.52893  (12042618)
        402048.88    3781388.78         34.73022  (12042618)                402068.88
3781388.78        34.54306  (12120216)
        402088.88    3781388.78         35.15613  (12120216)                402108.88
3781388.78        35.10035  (12120216)
        402128.88    3781388.78         34.18390  (12120216)                402148.88
3781388.78        32.38705  (12120216)
        402168.88    3781388.78         29.76395  (12120216)                402188.88
3781388.78        26.64637  (12120216)
        402208.88    3781388.78         23.10612  (12120216)                402228.88
3781388.78        22.73453  (14120116)
        402248.88    3781388.78         22.26567  (14120116)                402268.88
3781388.78        21.47588  (14120116)
        402288.88    3781388.78         20.50875  (14120116)                402308.88
3781388.78        19.32491  (14120116)
        402328.88    3781388.78         18.04766  (14120116)                402348.88
3781388.78        16.68235  (14120116)
        402368.88    3781388.78         15.55638  (12012517)                402388.88
3781388.78        15.05388  (12031616)
        402408.88    3781388.78         15.95772  (12031616)                402428.88
3781388.78        16.78918  (12031616)
        402448.88    3781388.78         17.52804  (12031616)                402468.88
3781388.78        17.96895  (12031616)
        402488.88    3781388.78         18.59048  (12031616)                402508.88
3781388.78        19.09706  (12031616)
        401308.88    3781408.78          6.46458  (12022717)                401328.88
3781408.78         6.60114  (16093007)
        401348.88    3781408.78          6.89439  (16093007)                401368.88
3781408.78         7.19650  (16093007)
        401388.88    3781408.78          7.52837  (16093007)                401408.88
3781408.78         7.89140  (16093007)
        401428.88    3781408.78          8.26423  (16093007)                401448.88
3781408.78         8.65889  (16093007)
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      401468.88   3781408.78        9.08083  (16093007)                401488.88
3781408.78        9.54191  (16093007)
      401508.88   3781408.78       10.01341  (16093007)                401528.88
3781408.78       10.52555  (16093007)
      401548.88   3781408.78       11.02343  (16093007)                401568.88
3781408.78       11.63793  (12021216)
      401588.88   3781408.78       13.51596  (12111715)                401608.88
3781408.78       16.49588  (12111715)
      401628.88   3781408.78       19.83940  (12111715)                401648.88
3781408.78       23.38095  (12111715)
      401668.88   3781408.78       26.92894  (12111715)                401688.88
3781408.78       30.21812  (12111715)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                                PAGE 292
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
      401708.88   3781408.78   33.04098 (12111715)   401728.88
3781408.78   35.21205 (12111715)
      401748.88   3781408.78   36.44654 (12111715)   401768.88
3781408.78   36.85397 (12111715)
      401788.88   3781408.78   37.55514 (12021515)   401808.88
3781408.78   37.93608 (12021515)
      401828.88   3781408.78   37.49640 (12021515)   401848.88
3781408.78   36.27976 (12021515)
      401868.88   3781408.78   34.40867 (12021515)   401888.88
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3781408.78       32.20981  (12021515)
       401908.88    3781408.78      29.54379  (12021515)               401928.88
3781408.78       27.46361  (12101116)
       401948.88    3781408.78      30.58241  (12042618)               401968.88
3781408.78       33.37254  (12042618)
       401988.88    3781408.78      35.48495  (12042618)               402008.88
3781408.78       36.78395  (12042618)
       402028.88    3781408.78      37.49871  (12042618)               402048.88
3781408.78       37.44818  (12042618)
       402068.88    3781408.78      37.55203  (12120216)               402088.88
3781408.78       37.84950  (12120216)
       402108.88    3781408.78      37.45691  (12120216)               402128.88
3781408.78       36.08394  (12120216)
       402148.88    3781408.78      33.69873  (12120216)               402168.88
3781408.78       30.46427  (12120216)
       402188.88    3781408.78      26.78603  (12120216)               402208.88
3781408.78       25.18732  (14120116)
       402228.88    3781408.78      24.69085  (14120116)               402248.88
3781408.78       23.82918  (14120116)
       402268.88    3781408.78      22.72858  (14120116)               402288.88
3781408.78       21.36234  (14120116)
       402308.88    3781408.78      19.83742  (14120116)               402328.88
3781408.78       18.25965  (14120116)
       402348.88    3781408.78      16.96306  (12012517)               402368.88
3781408.78       17.83049  (12031616)
       402388.88    3781408.78      18.76289  (12031616)               402408.88
3781408.78       19.59239  (12031616)
       402428.88    3781408.78      20.30768  (12031616)               402448.88
3781408.78       20.84434  (12031616)
       402468.88    3781408.78      21.14817  (12031616)               402488.88
3781408.78       21.57613  (12031616)
       402508.88    3781408.78      21.82683  (12031616)               401308.88
3781428.78        7.61832  (12022717)
       401328.88    3781428.78       7.54532  (12022717)               401348.88
3781428.78        7.45142  (12022717)
       401368.88    3781428.78       7.40675  (16093007)               401388.88
3781428.78        7.76628  (16093007)
       401408.88    3781428.78       8.15361  (16093007)               401428.88
3781428.78        8.56100  (16093007)
       401448.88    3781428.78       8.98180  (16093007)               401468.88
3781428.78        9.43941  (16093007)
       401488.88    3781428.78       9.93702  (16093007)               401508.88
3781428.78       10.44738  (16093007)
       401528.88    3781428.78      11.01266  (16093007)               401548.88
3781428.78       11.57359  (16093007)
       401568.88    3781428.78      12.23110  (16093007)               401588.88
3781428.78       12.93619  (16093007)
       401608.88    3781428.78      15.67239  (12111715)               401628.88
3781428.78       19.19658  (12111715)
       401648.88    3781428.78      23.05888  (12111715)               401668.88
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3781428.78       27.04836  (12111715)
        401688.88    3781428.78       30.75133  (12111715)                401708.88
3781428.78       34.19727  (12111715)
        401728.88    3781428.78       36.93686  (12111715)                401748.88
3781428.78       38.93698  (12111715)
        401768.88    3781428.78       39.91416  (12111715)                401788.88
3781428.78       40.27785  (12021515)
        401808.88    3781428.78       41.00498  (12021515)                401828.88
3781428.78       40.79345  (12021515)
        401848.88    3781428.78       39.72808  (12021515)                401868.88
3781428.78       37.92923  (12021515)
        401888.88    3781428.78       35.78465  (12021515)                401908.88
3781428.78       33.10409  (12021515)
        401928.88    3781428.78       31.17909  (12042618)                401948.88
3781428.78       34.80616  (12042618)
        401968.88    3781428.78       37.40216  (12042618)                401988.88
3781428.78       39.35502  (12042618)
        402008.88    3781428.78       40.27899  (12042618)                402028.88
3781428.78       40.72004  (12042618)
        402048.88    3781428.78       40.39978  (12042618)                402068.88
3781428.78       40.80726  (12120216)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                                PAGE 293
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
 -

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     402088.88    3781428.78       40.73292  (12120216)                402108.88
3781428.78       39.88828  (12120216)
     402128.88    3781428.78       37.88593  (12120216)                402148.88
3781428.78       34.95118  (12120216)
     402168.88    3781428.78       31.05614  (12120216)                402188.88
3781428.78       28.13752  (14120116)
     402208.88    3781428.78       27.54752  (14120116)                402228.88
3781428.78       26.55922  (14120116)
     402248.88    3781428.78       25.24063  (14120116)                402268.88
3781428.78       23.69853  (14120116)
     402288.88    3781428.78       21.95297  (14120116)                402308.88
3781428.78       20.10501  (14120116)
     402328.88    3781428.78       20.21284  (12031616)                402348.88
3781428.78       21.23810  (12031616)
     402368.88    3781428.78       22.09523  (12031616)                402388.88
3781428.78       22.90388  (12031616)
     402408.88    3781428.78       23.55499  (12031616)                402428.88
3781428.78       24.05982  (12031616)
     402448.88    3781428.78       24.34531  (12031616)                402468.88
3781428.78       24.30541  (12031616)
     402488.88    3781428.78       24.35137  (12031616)                402508.88
3781428.78       24.29609  (12031616)
     401308.88    3781448.78        8.82302  (12022717)                401328.88
3781448.78        8.80518  (12022717)
     401348.88    3781448.78        8.77451  (12022717)                401368.88
3781448.78        8.71111  (12022717)
     401388.88    3781448.78        8.63684  (12022717)                401408.88
3781448.78        8.54016  (12022717)
     401428.88    3781448.78        8.84513  (16093007)                401448.88
3781448.78        9.30588  (16093007)
     401468.88    3781448.78        9.79775  (16093007)                401488.88
3781448.78       10.35090  (16093007)
     401508.88    3781448.78       10.90101  (16093007)                401528.88
3781448.78       11.52087  (16093007)
     401548.88    3781448.78       12.14618  (16093007)                401568.88
3781448.78       12.87759  (16093007)
     401588.88    3781448.78       13.66515  (16093007)                401608.88
3781448.78       14.64795  (12111715)
     401628.88    3781448.78       18.33314  (12111715)                401648.88
3781448.78       22.40104  (12111715)
     401668.88    3781448.78       26.79625  (12111715)                401688.88
3781448.78       31.24252  (12111715)
     401708.88    3781448.78       35.33168  (12111715)                401728.88
3781448.78       38.87401  (12111715)
     401748.88    3781448.78       41.58508  (12111715)                401768.88
3781448.78       43.13681  (12111715)
     401788.88    3781448.78       43.56975  (12111715)                401808.88
3781448.78       44.43764  (12021515)
     401828.88    3781448.78       44.44869  (12021515)                401848.88
3781448.78       43.66072  (12021515)
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      401868.88    3781448.78       41.95470  (12021515)                  401888.88
3781448.78       39.85976  (12021515)
      401908.88    3781448.78       37.13214  (12021515)                  401928.88
3781448.78       35.44710  (12042618)
      401948.88    3781448.78       38.81113  (12042618)                  401968.88
3781448.78       41.58545  (12042618)
      401988.88    3781448.78       43.25657  (12042618)                  402008.88
3781448.78       44.21705  (12042618)
      402028.88    3781448.78       44.54860  (12042618)                  402048.88
3781448.78       44.49346  (12120216)
      402068.88    3781448.78       44.74122  (12120216)                  402088.88
3781448.78       44.10056  (12120216)
      402108.88    3781448.78       42.53081  (12120216)                  402128.88
3781448.78       39.92536  (12120216)
      402148.88    3781448.78       36.20938  (12120216)                  402168.88
3781448.78       31.77341  (14120116)
      402188.88    3781448.78       31.07262  (14120116)                  402208.88
3781448.78       29.84986  (14120116)
      402228.88    3781448.78       28.33434  (14120116)                  402248.88
3781448.78       26.46750  (14120116)
      402268.88    3781448.78       24.43102  (14120116)                  402288.88
3781448.78       23.03803  (12031616)
      402308.88    3781448.78       24.22966  (12031616)                  402328.88
3781448.78       25.28166  (12031616)
      402348.88    3781448.78       26.01734  (12031616)                  402368.88
3781448.78       26.70354  (12031616)
      402388.88    3781448.78       27.21685  (12031616)                  402408.88
3781448.78       27.56193  (12031616)
      402428.88    3781448.78       27.63670  (12031616)                  402448.88
3781448.78       27.57128  (12031616)
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
             L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
             L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
             L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS

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***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


     X-COORD (M)  Y-COORD (M)       CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - -
         402468.88   3781448.78      27.23375  (12031616)              402488.88
3781448.78       27.02074  (12031616)
         402508.88   3781448.78      26.62779  (12031616)              401308.88
3781468.78       10.07274  (12022717)
         401328.88   3781468.78      10.12984  (12022717)              401348.88
3781468.78       10.17334  (12022717)
         401368.88   3781468.78      10.15349  (12022717)              401388.88
3781468.78       10.15854  (12022717)
         401408.88   3781468.78      10.14813  (12022717)              401428.88
3781468.78       10.09723  (12022717)
         401448.88   3781468.78      10.01236  (12022717)              401468.88
3781468.78       10.16017  (16093007)
         401488.88   3781468.78      10.75283  (16093007)              401508.88
3781468.78       11.36068  (16093007)
         401528.88   3781468.78      12.04576  (16093007)              401548.88
3781468.78       12.73888  (16093007)
         401568.88   3781468.78      13.55360  (16093007)              401588.88
3781468.78       14.43430  (16093007)
         401608.88   3781468.78      15.30155  (16093007)              401628.88
3781468.78       17.25532  (12111715)
         401648.88   3781468.78      21.59237  (12111715)              401668.88
3781468.78       26.34654  (12111715)
         401688.88   3781468.78      31.21874  (12111715)              401708.88
3781468.78       36.18235  (12111715)
         401728.88   3781468.78      40.67227  (12111715)              401748.88
3781468.78       44.39220  (12111715)
         401768.88   3781468.78      46.79811  (12111715)              401788.88
3781468.78       47.79766  (12111715)
         401808.88   3781468.78      48.52552  (12021515)              401828.88
3781468.78       48.93713  (12021515)
         401848.88   3781468.78      48.24251  (12021515)              401868.88
3781468.78       46.61296  (12021515)
         401888.88   3781468.78      44.58559  (12021515)              401908.88
3781468.78       41.85858  (12021515)
         401928.88   3781468.78      40.07808  (12042618)              401948.88
3781468.78       43.67447  (12042618)
         401968.88   3781468.78      46.39186  (12042618)              401988.88
3781468.78       47.96968  (12042618)
         402008.88   3781468.78      48.66157  (12042618)              402028.88
3781468.78       48.63196  (12042618)
         402048.88   3781468.78      49.04037  (12120216)              402068.88
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3781468.78      48.78937  (12120216)
       402088.88   3781468.78      47.69563  (12120216)           402108.88
3781468.78      45.43289  (12120216)
       402128.88   3781468.78      41.92400  (12120216)           402148.88
3781468.78      37.13629  (12120216)
       402168.88   3781468.78      35.41692  (14120116)           402188.88
3781468.78      34.01313  (14120116)
       402208.88   3781468.78      32.00792  (14120116)           402228.88
3781468.78      29.84673  (14120116)
       402248.88   3781468.78      27.35857  (14120116)           402268.88
3781468.78      27.89297  (12031616)
       402288.88   3781468.78      29.13542  (12031616)           402308.88
3781468.78      30.08589  (12031616)
       402328.88   3781468.78      30.78202  (12031616)           402348.88
3781468.78      31.14488  (12031616)
       402368.88   3781468.78      31.40792  (12031616)           402388.88
3781468.78      31.52019  (12031616)
       402408.88   3781468.78      31.40807  (12031616)           402428.88
3781468.78      31.03255  (12031616)
       402448.88   3781468.78      30.43400  (12031616)           402468.88
3781468.78      29.66184  (12031616)
       402488.88   3781468.78      29.02232  (12031616)           402508.88
3781468.78      28.23903  (12031616)
       401308.88   3781488.78      11.34929  (12022717)           401328.88
3781488.78      11.48078  (12022717)
       401348.88   3781488.78      11.62648  (12022717)           401368.88
3781488.78      11.66024  (12022717)
       401388.88   3781488.78      11.77653  (12022717)           401408.88
3781488.78      11.88725  (12022717)
       401428.88   3781488.78      11.92096  (12022717)           401448.88
3781488.78      11.90881  (12022717)
       401468.88   3781488.78      11.88810  (12022717)           401488.88
3781488.78      11.85904  (12022717)
       401508.88   3781488.78      11.82669  (16093007)           401528.88
3781488.78      12.57839  (16093007)
       401548.88   3781488.78      13.34649  (16093007)           401568.88
3781488.78      14.24536  (16093007)
       401588.88   3781488.78      15.21343  (16093007)           401608.88
3781488.78      16.21438  (16093007)
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⬧ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                              PAGE 295
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002

, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401628.88   3781488.78   17.35832 (16093007)   401648.88
3781488.78   20.39470 (12111715)
        401668.88   3781488.78   25.41875 (12111715)   401688.88
3781488.78   30.96827 (12111715)
        401708.88   3781488.78   36.74777 (12111715)   401728.88
3781488.78   42.21881 (12111715)
        401748.88   3781488.78   46.98538 (12111715)   401768.88
3781488.78   50.55846 (12111715)
        401788.88   3781488.78   52.45267 (12111715)   401808.88
3781488.78   53.14826 (12021515)
        401828.88   3781488.78   54.02168 (12021515)   401848.88
3781488.78   53.44695 (12021515)
        401868.88   3781488.78   52.04818 (12021515)   401888.88
3781488.78   50.23883 (12021515)
        401908.88   3781488.78   47.47135 (12021515)   401928.88
3781488.78   46.28328 (12042618)
        401948.88   3781488.78   49.78685 (12042618)   401968.88
3781488.78   52.24518 (12042618)
        401988.88   3781488.78   53.86692 (12042618)   402008.88
3781488.78   53.84780 (12042618)
        402028.88   3781488.78   53.86628 (12120216)   402048.88
3781488.78   54.16563 (12120216)
        402068.88   3781488.78   53.40159 (12120216)   402088.88
3781488.78   51.50342 (12120216)
        402108.88   3781488.78   48.50068 (12120216)   402128.88
3781488.78   43.68931 (12120216)
        402148.88   3781488.78   41.09325 (14120116)   402168.88
3781488.78   39.57146 (14120116)
        402188.88   3781488.78   37.22442 (14120116)   402208.88
3781488.78   33.90529 (14120116)
        402228.88   3781488.78   32.50677 (12031616)   402248.88
3781488.78   33.96012 (12031616)

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     402268.88   3781488.78       35.08136  (12031616)                  402288.88
3781488.78       35.97065  (12031616)
     402308.88   3781488.78       36.27780  (12031616)                  402328.88
3781488.78       36.39829  (12031616)
     402348.88   3781488.78       36.22932  (12031616)                  402368.88
3781488.78       35.96877  (12031616)
     402388.88   3781488.78       35.57093  (12031616)                  402408.88
3781488.78       34.87275  (12031616)
     402428.88   3781488.78       33.89541  (12031616)                  402448.88
3781488.78       32.90183  (12031616)
     402468.88   3781488.78       31.75738  (12031616)                  402488.88
3781488.78       30.46314  (12031616)
     402508.88   3781488.78       29.54698  (12031616)                  401308.88
3781508.78       12.48166  (12022717)
     401328.88   3781508.78       12.73035  (12022717)                  401348.88
3781508.78       13.00377  (12022717)
     401368.88   3781508.78       13.16976  (12022717)                  401388.88
3781508.78       13.39814  (12022717)
     401408.88   3781508.78       13.65597  (12022717)                  401428.88
3781508.78       13.85531  (12022717)
     401448.88   3781508.78       13.95803  (12022717)                  401468.88
3781508.78       14.01125  (12022717)
     401488.88   3781508.78       14.15691  (12022717)                  401508.88
3781508.78       14.15327  (12022717)
     401528.88   3781508.78       14.19827  (12022717)                  401548.88
3781508.78       14.14446  (12022717)
     401568.88   3781508.78       14.95305  (16093007)                  401588.88
3781508.78       16.02157  (16093007)
     401608.88   3781508.78       17.18706  (16093007)                  401628.88
3781508.78       18.47631  (16093007)
     401648.88   3781508.78       19.91552  (16093007)                  401668.88
3781508.78       24.30695  (12111715)
     401688.88   3781508.78       30.26880  (12111715)                  401708.88
3781508.78       36.91221  (12111715)
     401728.88   3781508.78       43.81056  (12111715)                  401748.88
3781508.78       49.64929  (12111715)
     401768.88   3781508.78       54.68357  (12111715)                  401788.88
3781508.78       57.61509  (12111715)
     401808.88   3781508.78       58.67625  (12111715)                  401828.88
3781508.78       59.58631  (12021515)
     401848.88   3781508.78       59.63198  (12021515)                  401868.88
3781508.78       58.54586  (12021515)
     401888.88   3781508.78       56.70698  (12021515)                  401908.88
3781508.78       54.00374  (12021515)
     401928.88   3781508.78       52.84544  (12042618)                  401948.88
3781508.78       56.21146  (12042618)
     401968.88   3781508.78       58.73216  (12042618)                  401988.88
3781508.78       59.72348  (12042618)
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  *** AERMET - VERSION  16216 ***    ***
                         ***        05:36:20
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                                PAGE 296
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP     ***
                                   INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,


                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **


     X-COORD (M)  Y-COORD (M)        CONC    (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        402008.88   3781508.78       59.84351  (12042618)             402028.88
3781508.78       60.25695  (12120216)
        402048.88   3781508.78       59.97683  (12120216)             402068.88
3781508.78       58.78099  (12120216)
        402088.88   3781508.78       56.04172  (12120216)             402108.88
3781508.78       51.68889  (12120216)
        402128.88   3781508.78       46.83291  (14120116)             402148.88
3781508.78       45.62579  (14120116)
        402168.88   3781508.78       42.90384  (14120116)             402188.88
3781508.78       39.55420  (14120116)
        402208.88   3781508.78       40.27643  (12031616)             402228.88
3781508.78       41.55534  (12031616)
        402248.88   3781508.78       42.31457  (12031616)             402268.88
3781508.78       42.59323  (12031616)
        402288.88   3781508.78       42.64099  (12031616)             402308.88
3781508.78       42.37355  (12031616)
        402328.88   3781508.78       41.63895  (12031616)             402348.88
3781508.78       40.85295  (12031616)
        402368.88   3781508.78       39.94041  (12031616)             402388.88
3781508.78       38.79438  (12031616)
        402408.88   3781508.78       37.50036  (12031616)             402428.88
3781508.78       35.96405  (12031616)
        402448.88   3781508.78       34.39033  (12031616)             402468.88
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3781508.78       32.90027  (12031616)
     402488.88   3781508.78       31.28811  (12031616)              402508.88
3781508.78       29.85576  (12031616)
     401308.88   3781528.78       13.43920  (12022717)              401328.88
3781528.78       13.83480  (12022717)
     401348.88   3781528.78       14.25675  (12022717)              401368.88
3781528.78       14.56691  (12022717)
     401388.88   3781528.78       14.89240  (12022717)              401408.88
3781528.78       15.32930  (12022717)
     401428.88   3781528.78       15.70251  (12022717)              401448.88
3781528.78       15.96449  (12022717)
     401468.88   3781528.78       16.21217  (12022717)              401488.88
3781528.78       16.53557  (12022717)
     401508.88   3781528.78       16.66179  (12022717)              401528.88
3781528.78       16.89028  (12022717)
     401548.88   3781528.78       17.00864  (12022717)              401568.88
3781528.78       17.19133  (12022717)
     401588.88   3781528.78       17.31201  (12022717)              401608.88
3781528.78       18.16974  (16093007)
     401628.88   3781528.78       19.63133  (16093007)              401648.88
3781528.78       21.29659  (16093007)
     401668.88   3781528.78       23.15025  (16093007)              401688.88
3781528.78       29.26552  (12111715)
     401708.88   3781528.78       36.63703  (12111715)              401728.88
3781528.78       44.75525  (12111715)
     401748.88   3781528.78       52.21750  (12111715)              401768.88
3781528.78       59.06784  (12111715)
     401788.88   3781528.78       63.96578  (12111715)              401808.88
3781528.78       66.19981  (12111715)
     401828.88   3781528.78       66.76685  (12021515)              401848.88
3781528.78       67.16467  (12021515)
     401868.88   3781528.78       66.49210  (12021515)              401888.88
3781528.78       64.75294  (12021515)
     401908.88   3781528.78       62.00875  (12021515)              401928.88
3781528.78       62.62888  (12042618)
     401948.88   3781528.78       66.01633  (12042618)              401968.88
3781528.78       67.71114  (12042618)
     401988.88   3781528.78       68.45198  (12042618)              402008.88
3781528.78       67.71408  (12120216)
     402028.88   3781528.78       67.88261  (12120216)              402048.88
3781528.78       66.92448  (12120216)
     402068.88   3781528.78       65.02211  (12120216)              402088.88
3781528.78       61.26764  (12120216)
     402108.88   3781528.78       55.46445  (12120216)              402128.88
3781528.78       53.18053  (14120116)
     402148.88   3781528.78       50.09189  (14120116)              402168.88
3781528.78       49.08419  (12031616)
     402188.88   3781528.78       50.69840  (12031616)              402208.88
3781528.78       51.19172  (12031616)
     402228.88   3781528.78       51.65414  (12031616)              402248.88
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3781528.78        51.31111  (12031616)
        402268.88   3781528.78        50.47750  (12031616)                  402288.88
3781528.78        49.34281  (12031616)
        402308.88   3781528.78        47.83430  (12031616)                  402328.88
3781528.78        46.23786  (12031616)
        402348.88   3781528.78        45.07545  (12031616)                  402368.88
3781528.78        42.96225  (12031616)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 297

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402388.88   3781528.78   41.13512 (12031616)   402408.88
3781528.78   39.21397 (12031616)
        402428.88   3781528.78   37.27840 (12031616)   402448.88
3781528.78   35.28888 (12031616)
        402468.88   3781528.78   33.72420 (12031616)   402488.88
3781528.78   31.74942 (12031616)
        402508.88   3781528.78   29.36073 (12031616)   401308.88
3781548.78   14.17932 (12022717)
        401328.88   3781548.78   14.76022 (12022717)   401348.88
3781548.78   15.27014 (12022717)
        401368.88   3781548.78   15.73542 (12022717)   401388.88
3781548.78   16.20286 (12022717)
        401408.88   3781548.78   16.81253 (12022717)   401428.88
3781548.78   17.38570 (12022717)

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      401448.88    3781548.78       17.85659  (12022717)              401468.88
3781548.78       18.27232  (12022717)
      401488.88    3781548.78       18.85437  (12022717)              401508.88
3781548.78       19.08015  (12022717)
      401528.88    3781548.78       19.62945  (12022717)              401548.88
3781548.78       19.89629  (12022717)
      401568.88    3781548.78       20.36504  (12022717)              401588.88
3781548.78       20.83001  (12022717)
      401608.88    3781548.78       21.26666  (12022717)              401628.88
3781548.78       21.63695  (12022717)
      401648.88    3781548.78       22.84087  (16093007)              401668.88
3781548.78       25.00268  (16093007)
      401688.88    3781548.78       27.88091  (12111715)              401708.88
3781548.78       35.70285  (12111715)
      401728.88    3781548.78       44.90662  (12111715)              401748.88
3781548.78       54.51039  (12111715)
      401768.88    3781548.78       64.10936  (12111715)              401788.88
3781548.78       71.52872  (12111715)
      401808.88    3781548.78       75.50880  (12111715)              401828.88
3781548.78       77.05969  (12021515)
      401848.88    3781548.78       77.51096  (12021515)              401868.88
3781548.78       76.49846  (12021515)
      401888.88    3781548.78       74.95697  (12021515)              401908.88
3781548.78       72.10512  (12021515)
      401928.88    3781548.78       73.41257  (12042618)              401948.88
3781548.78       76.14487  (12042618)
      401968.88    3781548.78       77.29377  (12042618)              401988.88
3781548.78       77.38164  (12042618)
      402008.88    3781548.78       77.68439  (12120216)              402028.88
3781548.78       77.53774  (12120216)
      402048.88    3781548.78       75.88488  (12120216)              402068.88
3781548.78       72.66678  (12120216)
      402088.88    3781548.78       67.36383  (12120216)              402108.88
3781548.78       63.50384  (14120116)
      402128.88    3781548.78       60.63579  (12031616)              402148.88
3781548.78       62.89973  (12031616)
      402168.88    3781548.78       64.12636  (12031616)              402188.88
3781548.78       63.90376  (12031616)
      402208.88    3781548.78       62.71084  (12031616)              402228.88
3781548.78       61.38734  (12031616)
      402248.88    3781548.78       59.30284  (12031616)              402268.88
3781548.78       57.06206  (12031616)
      402288.88    3781548.78       54.72443  (12031616)              402308.88
3781548.78       52.03386  (12031616)
      402328.88    3781548.78       49.58443  (12031616)              402348.88
3781548.78       47.79174  (12031616)
      402368.88    3781548.78       44.61200  (12031616)              402388.88
3781548.78       42.31250  (12031616)
      402408.88    3781548.78       39.80347  (12031616)              402428.88
3781548.78       37.35711  (12031616)
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      402448.88   3781548.78       34.93815  (12031616)                  402468.88
3781548.78       32.80568  (12031616)
      402488.88   3781548.78       30.87837  (12031616)                  402508.88
3781548.78       28.82074  (12120116)
      401308.88   3781568.78       14.65486  (12022717)                  401328.88
3781568.78       15.40296  (12022717)
      401348.88   3781568.78       16.01378  (12022717)                  401368.88
3781568.78       16.57767  (12022717)
      401388.88   3781568.78       17.25440  (12022717)                  401408.88
3781568.78       17.95969  (12022717)
      401428.88   3781568.78       18.72727  (12022717)                  401448.88
3781568.78       19.40122  (12022717)
      401468.88   3781568.78       20.06475  (12022717)                  401488.88
3781568.78       20.84156  (12022717)
      401508.88   3781568.78       21.32469  (12022717)                  401528.88
3781568.78       22.10966  (12022717)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                 *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
 -
      401548.88   3781568.78   22.71114 (12022717)   401568.88
3781568.78   23.54124 (12022717)
      401588.88   3781568.78   24.36254 (12022717)   401608.88
3781568.78   25.22575 (12022717)
      401628.88   3781568.78   26.07697 (12022717)   401648.88

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3781568.78        26.83156  (12022717)
     401668.88    3781568.78        27.58186  (12022717)                401688.88
3781568.78        29.69185  (16093007)
     401708.88    3781568.78        34.23324  (12111715)                401728.88
3781568.78        44.68927  (12111715)
     401748.88    3781568.78        56.34369  (12111715)                401768.88
3781568.78        69.50064  (12111715)
     401788.88    3781568.78        81.46086  (12111715)                401808.88
3781568.78        88.65832  (12111715)
     401828.88    3781568.78        90.80305  (12021515)                401848.88
3781568.78        91.45098  (12021515)
     401868.88    3781568.78        90.69498  (12021515)                401888.88
3781568.78        89.55156  (12021515)
     401908.88    3781568.78        86.57759  (12021515)                401928.88
3781568.78        87.92917  (12042618)
     401948.88    3781568.78        90.88004  (12042618)                401968.88
3781568.78        91.69170  (12042618)
     401988.88    3781568.78        91.74161  (12120216)                402008.88
3781568.78        91.03211  (12120216)
     402028.88    3781568.78        90.10051  (12120216)                402048.88
3781568.78        88.29979  (12120216)
     402068.88    3781568.78        83.08390  (12120216)                402088.88
3781568.78        77.43463  (14120116)
     402108.88    3781568.78        80.17728  (12031616)                402128.88
3781568.78        82.15674  (12031616)
     402148.88    3781568.78        82.06174  (12031616)                402168.88
3781568.78        80.24725  (12031616)
     402188.88    3781568.78        77.45712  (12031616)                402208.88
3781568.78        73.40666  (12031616)
     402228.88    3781568.78        69.75085  (12031616)                402248.88
3781568.78        65.64039  (12031616)
     402268.88    3781568.78        61.93774  (12031616)                402288.88
3781568.78        58.17313  (12031616)
     402308.88    3781568.78        54.49874  (12031616)                402328.88
3781568.78        51.34376  (12031616)
     402348.88    3781568.78        48.38929  (12031616)                402368.88
3781568.78        44.92195  (12031616)
     402388.88    3781568.78        41.88184  (12031616)                402408.88
3781568.78        39.00299  (12031616)
     402428.88    3781568.78        36.29187  (12031616)                402448.88
3781568.78        34.24748  (12120116)
     402468.88    3781568.78        32.88146  (12120116)                402488.88
3781568.78        31.85370  (12120116)
     402508.88    3781568.78        30.72467  (12120116)                401308.88
3781588.78        14.81226  (12022717)
     401328.88    3781588.78        15.56285  (12022717)                401348.88
3781588.78        16.35945  (12022717)
     401368.88    3781588.78        17.00563  (12022717)                401388.88
3781588.78        17.82493  (12022717)
     401408.88    3781588.78        18.89466  (12022717)                401428.88
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3781588.78         19.77722  (12022717)
        401448.88    3781588.78         20.61587  (12022717)                401468.88
3781588.78         21.43412  (12022717)
        401488.88    3781588.78         22.71341  (12022717)                401508.88
3781588.78         23.34862  (12022717)
        401528.88    3781588.78         24.29943  (12022717)                401548.88
3781588.78         25.21831  (12022717)
        401568.88    3781588.78         26.47957  (12022717)                401588.88
3781588.78         27.78820  (12022717)
        401608.88    3781588.78         28.92556  (12022717)                401628.88
3781588.78         30.20739  (12022717)
        401648.88    3781588.78         31.71288  (12022717)                401668.88
3781588.78         33.27945  (12022717)
        401688.88    3781588.78         35.07298  (12022717)                401708.88
3781588.78         36.99446  (12022717)
        401728.88    3781588.78         43.44374  (12111715)                401748.88
3781588.78         57.17559  (12111715)
        401768.88    3781588.78         75.08921  (12111715)                401788.88
3781588.78         96.17784  (12111715)
        401808.88    3781588.78        111.53880  (12111715)                401828.88
3781588.78        115.13142  (12021515)
        401848.88    3781588.78        115.40153  (12021515)                401868.88
3781588.78        113.44792  (12021515)
        401888.88    3781588.78        113.20662  (12021515)                401908.88
3781588.78        109.85291  (12021515)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 299
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

```
     X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)              X-COORD (M)
Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - -
        401928.88   3781588.78      111.09816  (12042618)              401948.88
3781588.78      113.39889  (12042618)
        401968.88   3781588.78      113.98590  (12120216)              401988.88
3781588.78      114.00076  (12120216)
        402008.88   3781588.78      112.89034  (12120216)              402028.88
3781588.78      110.35472  (12120216)
        402048.88   3781588.78      105.80480  (12120216)              402068.88
3781588.78      108.13449  (12031616)
        402088.88   3781588.78      110.46468  (12031616)              402108.88
3781588.78      111.58376  (12031616)
        402128.88   3781588.78      109.43721  (12031616)              402148.88
3781588.78      102.86550  (12031616)
        402168.88   3781588.78       95.54692  (12031616)              402188.88
3781588.78       88.57259  (12031616)
        402208.88   3781588.78       81.72055  (12031616)              402228.88
3781588.78       75.56115  (12031616)
        402248.88   3781588.78       69.74871  (12031616)              402268.88
3781588.78       64.45883  (12031616)
        402288.88   3781588.78       59.42617  (12031616)              402308.88
3781588.78       55.32473  (12031616)
        402328.88   3781588.78       51.45491  (12031616)              402348.88
3781588.78       47.14677  (12031616)
        402368.88   3781588.78       43.51172  (12031616)              402388.88
3781588.78       41.32423  (12120116)
        402408.88   3781588.78       39.45047  (12120116)              402428.88
3781588.78       37.57845  (12120116)
        402448.88   3781588.78       35.85368  (12120116)              402468.88
3781588.78       34.22543  (12120116)
        402488.88   3781588.78       32.74460  (12120116)              402508.88
3781588.78       31.40504  (12120116)
        401308.88   3781608.78       14.53509  (12022717)              401328.88
3781608.78       15.35886  (12022717)
        401348.88   3781608.78       16.21504  (12022717)              401368.88
3781608.78       16.99070  (12022717)
        401388.88   3781608.78       18.00550  (12022717)              401408.88
3781608.78       19.06786  (12022717)
        401428.88   3781608.78       20.08298  (12022717)              401448.88
3781608.78       21.02789  (12022717)
        401468.88   3781608.78       22.14599  (12022717)              401488.88
3781608.78       23.56395  (12022717)
        401508.88   3781608.78       24.57265  (12022717)              401528.88
3781608.78       25.95156  (12022717)
        401548.88   3781608.78       27.02796  (12022717)              401568.88
3781608.78       28.59736  (12022717)
        401588.88   3781608.78       30.33332  (12022717)              401608.88
3781608.78       32.01878  (12022717)
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      401628.88    3781608.78       33.91052  (12022717)                401648.88
3781608.78       36.03483  (12022717)
      401668.88    3781608.78       38.19525  (12022717)                401688.88
3781608.78       41.17355  (12022717)
      401708.88    3781608.78       44.60453  (12022717)                401728.88
3781608.78       48.63460  (12022717)
      401748.88    3781608.78       56.18197  (12111715)                401768.88
3781608.78       77.77280  (12111715)
      401788.88    3781608.78      114.01233  (12111715)                401808.88
3781608.78      153.86431  (12111715)
      401828.88    3781608.78      156.82444  (12111715)                401848.88
3781608.78      159.27316  (12021515)
      401868.88    3781608.78      157.84526  (12021515)                401888.88
3781608.78      161.30121  (16093007)
      401908.88    3781608.78      164.39807  (16093007)                401928.88
3781608.78      163.26090  (16093007)
      401948.88    3781608.78      162.96298  (16093007)                401968.88
3781608.78      160.32608  (16093007)
      401988.88    3781608.78      160.55243  (12031616)                402008.88
3781608.78      165.65334  (12031616)
      402028.88    3781608.78      169.32430  (12031616)                402048.88
3781608.78      173.36520  (12031616)
      402068.88    3781608.78      176.43179  (12031616)                402088.88
3781608.78      173.74863  (12031616)
      402108.88    3781608.78      165.95523  (12031616)                402128.88
3781608.78      139.70870  (12031616)
      402148.88    3781608.78      120.20148  (12031616)                402168.88
3781608.78      106.42357  (12031616)
      402188.88    3781608.78       95.23907  (12031616)                402208.88
3781608.78       85.83319  (12031616)
      402228.88    3781608.78       77.64308  (12031616)                402248.88
3781608.78       70.71269  (12031616)
      402268.88    3781608.78       64.17667  (12031616)                402288.88
3781608.78       58.75429  (12031616)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                            PAGE 300
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,

L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
 ***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
 Y-COORD (M)   CONC   (YYMMDDHH)
  -
 -
         402308.88   3781608.78   55.22062 (12120116)   402328.88
 3781608.78   52.16067 (12120116)
         402348.88   3781608.78   48.14163 (12120116)   402368.88
 3781608.78   45.32465 (12120116)
         402388.88   3781608.78   43.01097 (12120116)   402408.88
 3781608.78   40.79058 (12120116)
         402428.88   3781608.78   38.64607 (12120116)   402448.88
 3781608.78   36.56034 (12120116)
         402468.88   3781608.78   34.66858 (12120116)   402488.88
 3781608.78   32.92735 (12120116)
         402508.88   3781608.78   31.25944 (12120116)   401308.88
 3781628.78   13.92142 (12022717)
         401328.88   3781628.78   14.76806 (12022717)   401348.88
 3781628.78   15.66726 (12022717)
         401368.88   3781628.78   16.55814 (12022717)   401388.88
 3781628.78   17.57870 (12022717)
         401408.88   3781628.78   18.68485 (12022717)   401428.88
 3781628.78   19.77172 (12022717)
         401448.88   3781628.78   20.91527 (12022717)   401468.88
 3781628.78   22.14397 (12022717)
         401488.88   3781628.78   23.63666 (12022717)   401508.88
 3781628.78   24.81297 (12022717)
         401528.88   3781628.78   26.48817 (12022717)   401548.88
 3781628.78   27.88574 (12022717)
         401568.88   3781628.78   29.77936 (12022717)   401588.88
 3781628.78   31.94160 (12022717)
         401608.88   3781628.78   34.34760 (12022717)   401628.88
 3781628.78   36.48044 (12022717)
         401648.88   3781628.78   39.34416 (12022717)   401668.88
 3781628.78   42.48634 (12022717)
         401688.88   3781628.78   46.23742 (12022717)   401708.88
 3781628.78   51.17984 (12022717)
         401728.88   3781628.78   57.36134 (12022717)   401748.88
 3781628.78   68.19314 (12120215)
         401768.88   3781628.78   86.75110 (12033117)   401788.88
 3781628.78   136.82468 (12033117)
         402128.88   3781628.78   156.59723 (12031616)   402148.88

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3781628.78      128.19718  (12031616)
        402168.88   3781628.78       110.47791  (12031616)               402188.88
3781628.78       96.78291  (12031616)
        402208.88   3781628.78        85.87814  (12031616)               402228.88
3781628.78       76.74313  (12031616)
        402248.88   3781628.78        70.14147  (12120116)               402268.88
3781628.78       65.03872  (12120116)
        402288.88   3781628.78        61.98783  (12120116)               402308.88
3781628.78       58.96910  (12120116)
        402328.88   3781628.78        54.29618  (12120116)               402348.88
3781628.78       49.38487  (12120116)
        402368.88   3781628.78        46.08209  (12120116)               402388.88
3781628.78       43.83626  (12120116)
        402408.88   3781628.78        41.24128  (12120116)               402428.88
3781628.78       38.55639  (12120116)
        402448.88   3781628.78        36.26793  (12120116)               402468.88
3781628.78       34.17913  (12120116)
        402488.88   3781628.78        32.22711  (12120116)               402508.88
3781628.78       30.39553  (12120116)
        401308.88   3781648.78        13.90573  (13051303)               401328.88
3781648.78       14.17225  (13051303)
        401348.88   3781648.78        14.76366  (12022717)               401368.88
3781648.78       15.72340  (12022717)
        401388.88   3781648.78        16.71952  (12022717)               401408.88
3781648.78       17.79895  (12022717)
        401428.88   3781648.78        18.94374  (12022717)               401448.88
3781648.78       20.19194  (12022717)
        401468.88   3781648.78        21.49415  (12022717)               401488.88
3781648.78       22.91472  (12022717)
        401508.88   3781648.78        24.40544  (12022717)               401528.88
3781648.78       26.01161  (12022717)
        401548.88   3781648.78        27.78466  (12022717)               401568.88
3781648.78       29.81813  (12022717)
        401588.88   3781648.78        31.99737  (12022717)               401608.88
3781648.78       35.34149  (12120215)
        401628.88   3781648.78        38.66004  (12120215)               401648.88
3781648.78       43.29213  (12120215)
        401668.88   3781648.78        48.85093  (12120215)               401688.88
3781648.78       55.47852  (12120215)
        401708.88   3781648.78        64.75783  (12120215)               401728.88
3781648.78       78.29979  (12033117)
        401748.88   3781648.78        99.68179  (12033117)               401768.88
3781648.78      132.89787  (12033117)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                         *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                 INCLUDING SOURCE(S):    L0000001   , L0000002
, L0000003   , L0000004   , L0000005    ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013    ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021    ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   ,  . . .      ,


                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10    IN MICROGRAMS/M**3
               **


     X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)            X-COORD (M)
Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        401788.88   3781648.78      202.95198 (12033117)            402108.88
3781648.78      196.43786 (12120116)
        402128.88   3781648.78      150.55003 (12120116)            402148.88
3781648.78      126.17053 (12120116)
        402168.88   3781648.78      109.61170 (12120116)            402188.88
3781648.78       96.72488 (12120116)
        402208.88   3781648.78       86.89756 (12120116)            402228.88
3781648.78       78.77317 (12120116)
        402248.88   3781648.78       71.95471 (12120116)            402268.88
3781648.78       67.89104 (12120116)
        402288.88   3781648.78       63.75422 (12120116)            402308.88
3781648.78       58.40441 (12120116)
        402328.88   3781648.78       53.10470 (12120116)            402348.88
3781648.78       48.82195 (12120116)
        402368.88   3781648.78       45.42682 (12120116)            402388.88
3781648.78       42.85907 (12120116)
        402408.88   3781648.78       40.06200 (12120116)            402428.88
3781648.78       37.37050 (12120116)
        402448.88   3781648.78       34.99339 (12120116)            402468.88
3781648.78       32.79305 (12120116)
        402488.88   3781648.78       30.77021 (12120116)            402508.88
3781648.78       28.89781 (12120116)
        401308.88   3781668.78       15.57326 (13051303)            401328.88
3781668.78       16.11498 (13051303)
        401348.88   3781668.78       16.69845 (13051303)            401368.88
3781668.78       17.33039 (13051303)
        401388.88   3781668.78       17.58738 (12120215)            401408.88
3781668.78       18.83894 (12120215)
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       401428.88   3781668.78        20.21429  (12120215)             401448.88
3781668.78        21.74154  (12120215)
       401468.88   3781668.78        23.45002  (12120215)             401488.88
3781668.78        25.34212  (12120215)
       401508.88   3781668.78        27.44504  (12120215)             401528.88
3781668.78        29.82589  (12120215)
       401548.88   3781668.78        32.38028  (12120215)             401568.88
3781668.78        35.54892  (12120215)
       401588.88   3781668.78        38.94008  (12120215)             401608.88
3781668.78        43.50704  (12033117)
       401628.88   3781668.78        48.32231  (12033117)             401648.88
3781668.78        54.86686  (12033117)
       401668.88   3781668.78        63.66916  (12033117)             401688.88
3781668.78        73.56083  (12033117)
       401708.88   3781668.78        89.06707  (12033117)             401728.88
3781668.78       105.76804  (12033117)
       401748.88   3781668.78       132.56678  (12033117)             401768.88
3781668.78       169.24329  (12033117)
       401788.88   3781668.78       239.41246  (12033117)             402108.88
3781668.78       180.98511  (12120116)
       402128.88   3781668.78       144.23284  (12120116)             402148.88
3781668.78       123.23930  (12120116)
       402168.88   3781668.78       108.00211  (12120116)             402188.88
3781668.78        96.12225  (12120116)
       402208.88   3781668.78        86.46286  (12120116)             402228.88
3781668.78        77.57574  (12120116)
       402248.88   3781668.78        71.01515  (12120116)             402268.88
3781668.78        65.62197  (12120116)
       402288.88   3781668.78        60.74885  (12120116)             402308.88
3781668.78        55.83911  (12120116)
       402328.88   3781668.78        50.84301  (12120116)             402348.88
3781668.78        47.03170  (12120116)
       402368.88   3781668.78        43.46634  (12120116)             402388.88
3781668.78        40.52071  (12120116)
       402408.88   3781668.78        37.55900  (12120116)             402428.88
3781668.78        35.06538  (12120116)
       402448.88   3781668.78        32.69800  (12120116)             402468.88
3781668.78        30.52904  (12120116)
       402488.88   3781668.78        28.50683  (12120116)             402508.88
3781668.78        26.66309  (12120116)
       401308.88   3781688.78        16.26251  (13051303)             401328.88
3781688.78        16.93900  (13051303)
       401348.88   3781688.78        17.81915  (12120215)             401368.88
3781688.78        19.00382  (12120215)
       401388.88   3781688.78        20.31853  (12120215)             401408.88
3781688.78        21.77357  (12120215)
       401428.88   3781688.78        23.37540  (12120215)             401448.88
3781688.78        25.14391  (12120215)
       401468.88   3781688.78        27.09909  (12120215)             401488.88
3781688.78        29.26472  (12120215)
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          401508.88   3781688.78        32.15431  (12033117)                      401528.88
3781688.78      35.52355  (12033117)
```
⬥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                              PAGE 302
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401548.88   3781688.78   39.30823 (12033117)   401568.88
3781688.78   43.59742 (12033117)
        401588.88   3781688.78   48.39938 (12033117)   401608.88
3781688.78   54.08527 (12033117)
        401628.88   3781688.78   60.63415 (12033117)   401648.88
3781688.78   68.67750 (12033117)
        401668.88   3781688.78   78.05001 (12033117)   401688.88
3781688.78   89.87020 (12033117)
        401708.88   3781688.78   105.42211 (12033117)   401728.88
3781688.78   125.36830 (12033117)
        401748.88   3781688.78   152.87005 (12033117)   401768.88
3781688.78   188.68386 (12033117)
        401788.88   3781688.78   257.28598 (12033117)   402088.88
3781688.78   227.28655 (12120116)
        402108.88   3781688.78   165.51549 (12120116)   402128.88
3781688.78   135.88340 (12120116)
        402148.88   3781688.78   117.09571 (12120116)   402168.88
3781688.78   102.91889 (12120116)
        402188.88   3781688.78   91.53383 (12120116)   402208.88
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3781688.78        82.24389  (12120116)
        402228.88    3781688.78        74.28772  (12120116)                      402248.88
3781688.78        67.01744  (12120116)
        402268.88    3781688.78        61.01662  (12120116)                      402288.88
3781688.78        56.62604  (12120116)
        402308.88    3781688.78        51.51328  (12120116)                      402328.88
3781688.78        46.85051  (12120116)
        402348.88    3781688.78        43.46238  (12120116)                      402368.88
3781688.78        40.30155  (12120116)
        402388.88    3781688.78        37.16924  (12120116)                      402408.88
3781688.78        34.34305  (12120116)
        402428.88    3781688.78        31.90497  (12120116)                      402448.88
3781688.78        29.65727  (12120116)
        402468.88    3781688.78        27.58522  (12120116)                      402488.88
3781688.78        25.66284  (12120116)
        402508.88    3781688.78        23.88519  (12120116)                      401308.88
3781708.78        19.61974  (13100421)
        401328.88    3781708.78        20.60488  (13100421)                      401348.88
3781708.78        21.11136  (13100421)
        401368.88    3781708.78        21.72258  (13100421)                      401388.88
3781708.78        22.81123  (12033117)
        401408.88    3781708.78        24.87225  (12033117)                      401428.88
3781708.78        27.15197  (12033117)
        401448.88    3781708.78        29.72823  (12033117)                      401468.88
3781708.78        32.59245  (12033117)
        401488.88    3781708.78        35.80828  (12033117)                      401508.88
3781708.78        39.37939  (12033117)
        401528.88    3781708.78        43.20677  (12033117)                      401548.88
3781708.78        47.24619  (12033117)
        401568.88    3781708.78        51.96355  (12033117)                      401588.88
3781708.78        57.18897  (12033117)
        401608.88    3781708.78        63.59323  (12033117)                      401628.88
3781708.78        71.25043  (12033117)
        401648.88    3781708.78        80.09528  (12033117)                      401668.88
3781708.78        91.32540  (12033117)
        401688.88    3781708.78       101.80060  (12033117)                      401708.88
3781708.78       119.37707  (12033117)
        401728.88    3781708.78       137.05455  (12033117)                      401748.88
3781708.78       164.47812  (12033117)
        401768.88    3781708.78       198.23051  (12033117)                      401788.88
3781708.78       266.77506  (12033117)
        402088.88    3781708.78       213.23818  (12043018)                      402108.88
3781708.78       156.28280  (12043018)
        402128.88    3781708.78       129.81513  (12043018)                      402148.88
3781708.78       113.41808  (12043018)
        402168.88    3781708.78        99.11515  (12043018)                      402188.88
3781708.78        85.38815  (12043018)
        402208.88    3781708.78        76.22166  (12120116)                      402228.88
3781708.78        68.13154  (12120116)
        402248.88    3781708.78        62.09008  (12043018)                      402268.88
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     3781708.78        55.91015  (12120116)
        402288.88   3781708.78        50.84033  (12120116)                402308.88
3781708.78        46.59955  (12120116)
        402328.88   3781708.78        42.06687  (12120116)                402348.88
3781708.78        39.03893  (12120116)
        402368.88   3781708.78        36.14165  (12120116)                402388.88
3781708.78        32.88888  (12120116)
        402408.88   3781708.78        30.52856  (12120116)                402428.88
3781708.78        28.14802  (12120116)
        402448.88   3781708.78        26.02627  (12120116)                402468.88
3781708.78        24.20339  (12120116)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 303

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402488.88   3781708.78   22.47513 (12120116)   402508.88
3781708.78   20.81988 (12120116)
        401308.88   3781728.78   20.27190 (12033117)   401328.88
3781728.78   21.82300 (12033117)
        401348.88   3781728.78   23.56935 (12033117)   401368.88
3781728.78   25.47620 (12033117)
        401388.88   3781728.78   27.58683 (12033117)   401408.88
3781728.78   29.93164 (12033117)
        401428.88   3781728.78   32.51257 (12033117)   401448.88
3781728.78   35.36091 (12033117)
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     401468.88   3781728.78        38.50629  (12033117)                401488.88
3781728.78        41.97188  (12033117)
     401508.88   3781728.78        45.73736  (12033117)                401528.88
3781728.78        49.55499  (12033117)
     401548.88   3781728.78        53.79485  (12033117)                401568.88
3781728.78        58.73485  (12033117)
     401588.88   3781728.78        63.99050  (12033117)                401608.88
3781728.78        70.97768  (12033117)
     401628.88   3781728.78        78.36095  (12033117)                401648.88
3781728.78        87.37098  (12033117)
     401668.88   3781728.78        97.70719  (12033117)                401688.88
3781728.78       109.77609  (12033117)
     401708.88   3781728.78       123.80662  (12033117)                401728.88
3781728.78       142.36236  (12033117)
     401748.88   3781728.78       167.83492  (12033117)                401768.88
3781728.78       201.30277  (12033117)
     401788.88   3781728.78       268.25186  (12033117)                402088.88
3781728.78       202.85471  (12043018)
     402108.88   3781728.78       163.21665  (12043018)                402128.88
3781728.78       147.60967  (12043018)
     402148.88   3781728.78       127.02219  (12043018)                402168.88
3781728.78       111.06926  (12043018)
     402188.88   3781728.78        97.75244  (12043018)                402208.88
3781728.78        84.33364  (12043018)
     402228.88   3781728.78        74.53527  (12043018)                402248.88
3781728.78        68.61105  (12043018)
     402268.88   3781728.78        61.33932  (12043018)                402288.88
3781728.78        55.06997  (12043018)
     402308.88   3781728.78        48.66223  (12043018)                402328.88
3781728.78        44.23485  (12043018)
     402348.88   3781728.78        39.33175  (12043018)                402368.88
3781728.78        34.36139  (12043018)
     402388.88   3781728.78        31.76333  (12043018)                402408.88
3781728.78        28.50174  (12043018)
     402428.88   3781728.78        26.11086  (12043018)                402448.88
3781728.78        23.87558  (12043018)
     402468.88   3781728.78        21.80280  (12043018)                402488.88
3781728.78        19.92276  (12043018)
     402508.88   3781728.78        18.25523  (12043018)                401308.88
3781748.78        23.81596  (12033117)
     401328.88   3781748.78        25.56606  (12033117)                401348.88
3781748.78        27.49441  (12033117)
     401368.88   3781748.78        29.59073  (12033117)                401388.88
3781748.78        31.89441  (12033117)
     401408.88   3781748.78        34.41485  (12033117)                401428.88
3781748.78        37.15792  (12033117)
     401448.88   3781748.78        40.14671  (12033117)                401468.88
3781748.78        43.41398  (12033117)
     401488.88   3781748.78        46.95997  (12033117)                401508.88
3781748.78        50.72710  (12033117)
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        401528.88   3781748.78       54.55633  (12033117)              401548.88
3781748.78       58.57633  (12033117)
        401568.88   3781748.78       63.54117  (12033117)              401588.88
3781748.78       68.78640  (12033117)
        401608.88   3781748.78       75.76997  (12033117)              401628.88
3781748.78       83.01499  (12033117)
        401648.88   3781748.78       91.48305  (12033117)              401668.88
3781748.78      101.56951  (12033117)
        401688.88   3781748.78      113.42069  (12033117)              401708.88
3781748.78      126.98513  (12033117)
        401728.88   3781748.78      145.27045  (12033117)              401748.88
3781748.78      169.68174  (12033117)
        401768.88   3781748.78      201.23442  (12033117)              401788.88
3781748.78      267.11825  (12033117)
        402068.88   3781748.78      256.08180  (12043018)              402088.88
3781748.78      194.20943  (12043018)
        402108.88   3781748.78      163.32952  (12043018)              402128.88
3781748.78      130.42179  (12043018)
        402148.88   3781748.78      113.28887  (12043018)              402168.88
3781748.78      101.26345  (12043018)
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 304

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                        ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402188.88   3781748.78   92.51774 (12043018)   402208.88

3781748.78   87.45738 (12043018)
        402228.88   3781748.78   80.53657 (12043018)   402248.88
3781748.78   72.67501 (12043018)
        402268.88   3781748.78   66.35905 (12043018)   402288.88
3781748.78   60.23855 (12043018)
        402308.88   3781748.78   53.63085 (12043018)   402328.88
3781748.78   48.92048 (12043018)
        402348.88   3781748.78   44.84583 (12043018)   402368.88
3781748.78   40.51334 (12043018)
        402388.88   3781748.78   36.75625 (12043018)   402408.88
3781748.78   33.48066 (12043018)
        402428.88   3781748.78   30.59594 (12043018)   402448.88
3781748.78   28.23748 (12043018)
        402468.88   3781748.78   25.72113 (12043018)   402488.88
3781748.78   23.64250 (12043018)
        402508.88   3781748.78   21.70073 (12043018)   401308.88
3781768.78   27.01252 (12033117)
        401328.88   3781768.78   28.87374 (12033117)   401348.88
3781768.78   30.89841 (12033117)
        401368.88   3781768.78   33.08114 (12033117)   401388.88
3781768.78   35.46887 (12033117)
        401408.88   3781768.78   38.03720 (12033117)   401428.88
3781768.78   40.82023 (12033117)
        401448.88   3781768.78   43.81350 (12033117)   401468.88
3781768.78   47.06405 (12033117)
        401488.88   3781768.78   50.55833 (12033117)   401508.88
3781768.78   54.17942 (12033117)
        401528.88   3781768.78   57.55291 (12033117)   401548.88
3781768.78   61.59210 (12033117)
        401568.88   3781768.78   66.05662 (12033117)   401588.88
3781768.78   71.29892 (12033117)
        401608.88   3781768.78   77.39370 (12033117)   401628.88
3781768.78   84.17002 (12033117)
        401648.88   3781768.78   92.16992 (12033117)   401668.88
3781768.78   100.99731 (12033117)
        401688.88   3781768.78   112.11953 (12033117)   401708.88
3781768.78   125.83888 (12033117)
        401728.88   3781768.78   144.70575 (12033117)   401748.88
3781768.78   167.53698 (12033117)
        401768.88   3781768.78   198.63725 (12033117)   401788.88
3781768.78   265.51878 (12033117)
        402068.88   3781768.78   236.55807 (12121716)   402088.88
3781768.78   185.01299 (12121716)
        402108.88   3781768.78   142.79605 (12121716)   402128.88
3781768.78   118.91603 (12043018)
        402148.88   3781768.78   105.55756 (12043018)   402168.88
3781768.78   95.23311 (12043018)
        402188.88   3781768.78   86.60266 (12043018)   402208.88
3781768.78   82.14110 (12043018)
        402228.88   3781768.78   83.05098 (12043018)   402248.88

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3781768.78       75.60642  (12043018)
        402268.88   3781768.78       69.37713  (12043018)                    402288.88
3781768.78       63.30221  (12043018)
        402308.88   3781768.78       57.23446  (12043018)                    402328.88
3781768.78       52.08097  (12043018)
        402348.88   3781768.78       48.52616  (12043018)                    402368.88
3781768.78       44.99680  (12043018)
        402388.88   3781768.78       41.26740  (12043018)                    402408.88
3781768.78       37.90620  (12043018)
        402428.88   3781768.78       34.84812  (12043018)                    402448.88
3781768.78       31.93229  (12043018)
        402468.88   3781768.78       29.29817  (12043018)                    402488.88
3781768.78       27.05404  (12043018)
        402508.88   3781768.78       24.95614  (12043018)                    401308.88
3781788.78       29.52791  (12033117)
        401328.88   3781788.78       31.40954  (12033117)                    401348.88
3781788.78       33.46276  (12033117)
        401368.88   3781788.78       35.67503  (12033117)                    401388.88
3781788.78       38.03508  (12033117)
        401408.88   3781788.78       40.57833  (12033117)                    401428.88
3781788.78       43.28884  (12033117)
        401448.88   3781788.78       46.23105  (12033117)                    401468.88
3781788.78       49.37406  (12033117)
        401488.88   3781788.78       52.75066  (12033117)                    401508.88
3781788.78       56.23934  (12033117)
        401528.88   3781788.78       59.39804  (12033117)                    401548.88
3781788.78       62.77574  (12033117)
        401568.88   3781788.78       66.81874  (12033117)                    401588.88
3781788.78       71.99371  (12033117)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 305
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **


      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        401608.88   3781788.78       77.76907  (12033117)              401628.88
3781788.78       84.38067  (12033117)
        401648.88   3781788.78       91.88356  (12033117)              401668.88
3781788.78      101.20172  (12033117)
        401688.88   3781788.78      114.19276  (12033117)              401708.88
3781788.78      129.08183  (12033117)
        401728.88   3781788.78      147.58642  (12033117)              401748.88
3781788.78      172.11411  (12033117)
        401768.88   3781788.78      196.74975  (12033117)              401788.88
3781788.78      263.13747  (12033117)
        402068.88   3781788.78      220.80315  (12121716)              402088.88
3781788.78      175.63774  (12121716)
        402108.88   3781788.78      140.97018  (12121716)              402128.88
3781788.78      114.73221  (12121716)
        402148.88   3781788.78      102.57116  (12043018)              402168.88
3781788.78       93.21497  (12043018)
        402188.88   3781788.78       85.20088  (12043018)              402208.88
3781788.78       81.65102  (12043018)
        402228.88   3781788.78       82.44466  (12043018)              402248.88
3781788.78       76.13773  (12043018)
        402268.88   3781788.78       69.98402  (12043018)              402288.88
3781788.78       64.01067  (12043018)
        402308.88   3781788.78       58.91975  (12043018)              402328.88
3781788.78       54.32974  (12043018)
        402348.88   3781788.78       50.41620  (12043018)              402368.88
3781788.78       47.75393  (12043018)
        402388.88   3781788.78       43.97115  (12043018)              402408.88
3781788.78       40.74548  (12043018)
        402428.88   3781788.78       37.75687  (12043018)              402448.88
3781788.78       34.89427  (12043018)
        402468.88   3781788.78       32.30816  (12043018)              402488.88
3781788.78       30.10001  (12043018)
        402508.88   3781788.78       27.95582  (12043018)              401308.88
3781808.78       31.49993  (12033117)
        401328.88   3781808.78       33.33176  (12033117)              401348.88
3781808.78       35.29739  (12033117)
        401368.88   3781808.78       37.39441  (12033117)              401388.88
3781808.78       39.62900  (12033117)
        401408.88   3781808.78       42.02261  (12033117)              401428.88
3781808.78       44.57736  (12033117)
        401448.88   3781808.78       47.28323  (12033117)              401468.88
3781808.78       50.16576  (12033117)
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      401488.88    3781808.78        53.23815  (12033117)                401508.88
3781808.78        56.42758  (12033117)
      401528.88    3781808.78        59.04475  (12033117)                401548.88
3781808.78        62.12520  (12033117)
      401568.88    3781808.78        66.25254  (12033117)                401588.88
3781808.78        70.77711  (12033117)
      401608.88    3781808.78        75.93312  (12033117)                401628.88
3781808.78        82.62702  (12033117)
      401648.88    3781808.78        92.75563  (12033117)                401668.88
3781808.78       102.43454  (12033117)
      401688.88    3781808.78       113.46347  (12033117)                401708.88
3781808.78       127.12788  (12033117)
      401728.88    3781808.78       145.16096  (12033117)                401748.88
3781808.78       166.63384  (12033117)
      401768.88    3781808.78       197.96955  (12033117)                401788.88
3781808.78       256.75273  (12033117)
      402068.88    3781808.78       217.46684  (12121716)                402088.88
3781808.78       173.16274  (12121716)
      402108.88    3781808.78       137.11615  (12121716)                402128.88
3781808.78       116.30327  (12121716)
      402148.88    3781808.78        99.89639  (12121716)                402168.88
3781808.78        90.38880  (12121716)
      402188.88    3781808.78        81.98869  (12121716)                402208.88
3781808.78        79.90777  (12121716)
      402228.88    3781808.78        80.54040  (12043018)                402248.88
3781808.78        74.35946  (12043018)
      402268.88    3781808.78        69.31161  (12043018)                402288.88
3781808.78        63.97391  (12043018)
      402308.88    3781808.78        59.40764  (12043018)                402328.88
3781808.78        55.33026  (12043018)
      402348.88    3781808.78        51.78558  (12043018)                402368.88
3781808.78        49.07185  (12043018)
      402388.88    3781808.78        45.31714  (12043018)                402408.88
3781808.78        42.40504  (12043018)
      402428.88    3781808.78        39.71569  (12043018)                402448.88
3781808.78        37.11780  (12043018)
      402468.88    3781808.78        34.58810  (12043018)                402488.88
3781808.78        32.48614  (12043018)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                     ***   05:36:20

                       PAGE 306
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                       *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                       INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,

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                    L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                    L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .      ,


                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                **


      X-COORD (M)  Y-COORD (M)      CONC    (YYMMDDHH)              X-COORD (M)
Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         402508.88   3781808.78      30.36070  (12043018)              401308.88
3781828.78       32.62035  (12033117)
         401328.88   3781828.78      34.34185  (12033117)              401348.88
3781828.78       36.16172  (12033117)
         401368.88   3781828.78      38.08605  (12033117)              401388.88
3781828.78       40.12282  (12033117)
         401408.88   3781828.78      42.28073  (12033117)              401428.88
3781828.78       44.56486  (12033117)
         401448.88   3781828.78      46.95142  (12033117)              401468.88
3781828.78       49.43373  (12033117)
         401488.88   3781828.78      52.01170  (12033117)              401508.88
3781828.78       54.62410  (12033117)
         401528.88   3781828.78      57.12939  (12033117)              401548.88
3781828.78       59.79380  (12033117)
         401568.88   3781828.78      63.02306  (12033117)              401588.88
3781828.78       67.44655  (12033117)
         401608.88   3781828.78      74.35632  (12033117)              401628.88
3781828.78       81.30109  (12033117)
         401648.88   3781828.78      88.04162  (12033117)              401668.88
3781828.78       95.94085  (12033117)
         401688.88   3781828.78     105.53770  (12033117)              401708.88
3781828.78      117.53905  (12033117)
         401728.88   3781828.78     134.49150  (12033117)              401748.88
3781828.78      151.05583  (12033117)
         401768.88   3781828.78     182.94259  (12033117)              401788.88
3781828.78      243.09361  (12033117)
         402068.88   3781828.78     202.34219  (12071919)              402088.88
3781828.78      163.81622  (12071919)
         402108.88   3781828.78     133.68197  (12071919)              402128.88
3781828.78      112.78596  (12121716)
         402148.88   3781828.78      97.93415  (12121716)              402168.88
3781828.78       88.45614  (12121716)
         402188.88   3781828.78      81.09221  (12121716)              402208.88
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3781828.78        77.66482  (12121716)
        402228.88   3781828.78        76.86407  (12121716)                402248.88
3781828.78        71.38065  (12043018)
        402268.88   3781828.78        66.82879  (12043018)                402288.88
3781828.78        62.49202  (12043018)
        402308.88   3781828.78        58.41992  (12043018)                402328.88
3781828.78        54.69241  (12043018)
        402348.88   3781828.78        51.45609  (12043018)                402368.88
3781828.78        49.21251  (12043018)
        402388.88   3781828.78        45.82782  (12043018)                402408.88
3781828.78        43.04476  (12043018)
        402428.88   3781828.78        40.81564  (12043018)                402448.88
3781828.78        38.43849  (12043018)
        402468.88   3781828.78        36.07653  (12043018)                402488.88
3781828.78        34.06474  (12043018)
        402508.88   3781828.78        32.03608  (12043018)                401308.88
3781848.78        32.84344  (12033117)
        401328.88   3781848.78        34.38685  (12033117)                401348.88
3781848.78        36.00418  (12033117)
        401368.88   3781848.78        37.70097  (12033117)                401388.88
3781848.78        39.48049  (12033117)
        401408.88   3781848.78        41.35139  (12033117)                401428.88
3781848.78        43.31393  (12033117)
        401448.88   3781848.78        45.35902  (12033117)                401468.88
3781848.78        47.53483  (12033117)
        401488.88   3781848.78        49.60515  (12033117)                401508.88
3781848.78        51.92786  (12033117)
        401528.88   3781848.78        54.00655  (12033117)                401548.88
3781848.78        56.02767  (12033117)
        401568.88   3781848.78        59.92074  (12033117)                401588.88
3781848.78        64.80897  (12033117)
        401608.88   3781848.78        69.09856  (12033117)                401628.88
3781848.78        73.64710  (12033117)
        401648.88   3781848.78        78.89500  (12033117)                401668.88
3781848.78        85.56745  (12033117)
        401688.88   3781848.78        94.13002  (12033117)                401708.88
3781848.78       103.49587  (12033117)
        401728.88   3781848.78       115.41355  (12033117)                401748.88
3781848.78       132.53317  (12033117)
        401768.88   3781848.78       162.69988  (12033117)                401788.88
3781848.78       223.81910  (12033117)
        401908.88   3781848.78       190.09315  (12071919)                401928.88
3781848.78       157.12087  (12071919)
        401948.88   3781848.78       145.90151  (12071919)                401968.88
3781848.78       145.30559  (12071919)
        401988.88   3781848.78       149.27672  (12071919)                402008.88
3781848.78       153.12383  (12071919)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***

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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP     ***
                              INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004   , L0000005     ,
                L0000006   , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012   , L0000013     ,
                L0000014   , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020   , L0000021     ,
                L0000022   , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028   ,  . . .       ,


                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
            **


      X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)      CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        402028.88   3781848.78      160.26440 (12071919)            402048.88
3781848.78      166.39382 (12071919)
        402068.88   3781848.78      164.12434 (12071919)            402088.88
3781848.78      147.85132 (12071919)
        402108.88   3781848.78      133.10952 (12071919)            402128.88
3781848.78      111.00167 (12071919)
        402148.88   3781848.78       97.35633 (12071919)            402168.88
3781848.78       84.14123 (12121716)
        402188.88   3781848.78       77.92972 (12121716)            402208.88
3781848.78       73.50886 (12121716)
        402228.88   3781848.78       73.70082 (12121716)            402248.88
3781848.78       70.57223 (12121716)
        402268.88   3781848.78       64.22175 (12121716)            402288.88
3781848.78       59.19893 (12043018)
        402308.88   3781848.78       55.78503 (12043018)            402328.88
3781848.78       52.84991 (12043018)
        402348.88   3781848.78       50.18836 (12043018)            402368.88
3781848.78       48.13708 (12043018)
        402388.88   3781848.78       44.93852 (12043018)            402408.88
3781848.78       42.72147 (12043018)
        402428.88   3781848.78       40.81570 (12043018)            402448.88
3781848.78       38.69477 (12043018)
        402468.88   3781848.78       36.67227 (12043018)            402488.88
3781848.78       34.80086 (12043018)
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       402508.88    3781848.78       32.96641  (12043018)          401308.88
3781868.78       32.18233  (12033117)
       401328.88    3781868.78       33.50886  (12033117)          401348.88
3781868.78       34.88032  (12033117)
       401368.88    3781868.78       36.30575  (12033117)          401388.88
3781868.78       37.78920  (12033117)
       401408.88    3781868.78       39.34315  (12033117)          401428.88
3781868.78       40.98914  (12033117)
       401448.88    3781868.78       42.65684  (12033117)          401468.88
3781868.78       44.40444  (12033117)
       401488.88    3781868.78       45.95511  (12033117)          401508.88
3781868.78       47.55023  (12033117)
       401528.88    3781868.78       49.17574  (12033117)          401548.88
3781868.78       50.83321  (12033117)
       401568.88    3781868.78       54.13208  (12033117)          401588.88
3781868.78       57.14228  (12033117)
       401608.88    3781868.78       60.08552  (12033117)          401628.88
3781868.78       63.57316  (12033117)
       401648.88    3781868.78       67.80008  (12033117)          401668.88
3781868.78       72.43683  (12033117)
       401688.88    3781868.78       78.13912  (12033117)          401708.88
3781868.78       89.54486  (12033117)
       401728.88    3781868.78       95.03649  (12033117)          401748.88
3781868.78      109.15868  (12033117)
       401768.88    3781868.78      129.64387  (12033117)          401788.88
3781868.78      179.58134  (12033117)
       401888.88    3781868.78      186.00051  (12071919)          401908.88
3781868.78      147.12492  (12071919)
       401928.88    3781868.78      130.73535  (12071919)          401948.88
3781868.78      114.18934  (12071919)
       401968.88    3781868.78      108.11874  (12071919)          401988.88
3781868.78      108.11657  (12071919)
       402008.88    3781868.78      114.05857  (12071919)          402028.88
3781868.78      118.19893  (12071919)
       402048.88    3781868.78      123.38644  (12071919)          402068.88
3781868.78      129.04466  (12071919)
       402088.88    3781868.78      127.98763  (12071919)          402108.88
3781868.78      120.21075  (12071919)
       402128.88    3781868.78      103.49827  (12071919)          402148.88
3781868.78       94.52723  (12071919)
       402168.88    3781868.78       85.85354  (12071919)          402188.88
3781868.78       76.97756  (12071919)
       402208.88    3781868.78       69.45381  (12121716)          402228.88
3781868.78       69.06271  (12121716)
       402248.88    3781868.78       68.43886  (12121716)          402268.88
3781868.78       63.29258  (12121716)
       402288.88    3781868.78       58.72379  (12121716)          402308.88
3781868.78       54.41235  (12121716)
       402328.88    3781868.78       50.47594  (12121716)          402348.88
3781868.78       47.35132  (12043018)
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         402368.88   3781868.78         45.69682  (12043018)                402388.88
3781868.78       43.29857  (12043018)
         402408.88   3781868.78         41.65748  (12043018)                402428.88
3781868.78       39.91754  (12043018)
         402448.88   3781868.78         38.13311  (12043018)                402468.88
3781868.78       36.37769  (12043018)
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↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                                PAGE 308
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
         402488.88   3781868.78   34.79915 (12043018)   402508.88
3781868.78   33.19280 (12043018)
         401308.88   3781888.78   30.69614 (12033117)   401328.88
3781888.78   31.75845 (12033117)
         401348.88   3781888.78   32.85505 (12033117)   401368.88
3781888.78   33.98566 (12033117)
         401388.88   3781888.78   35.15484 (12033117)   401408.88
3781888.78   36.37055 (12033117)
         401428.88   3781888.78   37.63076 (12033117)   401448.88
3781888.78   38.93799 (12033117)
         401468.88   3781888.78   40.28790 (12033117)   401488.88
3781888.78   41.43306 (12033117)
         401508.88   3781888.78   42.71142 (12033117)   401528.88
3781888.78   43.43564 (12033117)
         401548.88   3781888.78   44.44606 (12033117)   401568.88
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3781888.78       46.24961  (12033117)
      401588.88   3781888.78       47.99293  (12033117)                401608.88
3781888.78       50.04490  (12033117)
      401628.88   3781888.78       52.07510  (12033117)                401648.88
3781888.78       54.36029  (12033117)
      401668.88   3781888.78       59.01493  (12033117)                401688.88
3781888.78       63.41203  (12033117)
      401708.88   3781888.78       67.00475  (12033117)                401728.88
3781888.78       71.14671  (12033117)
      401748.88   3781888.78       72.97006  (12033117)                401768.88
3781888.78       76.63614  (15103001)
      401788.88   3781888.78      100.59608  (15022217)                401808.88
3781888.78      128.87954  (15022217)
      401828.88   3781888.78      152.82180  (15022217)                401848.88
3781888.78      155.11296  (15022217)
      401868.88   3781888.78      128.92874  (16020617)                401888.88
3781888.78      123.92758  (16020617)
      401908.88   3781888.78      108.35808  (12071919)                401928.88
3781888.78      102.66401  (12071919)
      401948.88   3781888.78       92.38460  (12071919)                401968.88
3781888.78       83.81261  (12071919)
      401988.88   3781888.78       82.54663  (12071919)                402008.88
3781888.78       87.59649  (12071919)
      402028.88   3781888.78       90.46746  (12071919)                402048.88
3781888.78       92.96979  (12071919)
      402068.88   3781888.78       98.87617  (12071919)                402088.88
3781888.78      102.54371  (12071919)
      402108.88   3781888.78      102.56719  (12071919)                402128.88
3781888.78       98.59722  (12071919)
      402148.88   3781888.78       90.34579  (12071919)                402168.88
3781888.78       82.40152  (12071919)
      402188.88   3781888.78       76.16455  (12071919)                402208.88
3781888.78       68.90147  (12071919)
      402228.88   3781888.78       63.26925  (12071919)                402248.88
3781888.78       64.06044  (12121716)
      402268.88   3781888.78       60.15880  (12121716)                402288.88
3781888.78       56.72648  (12121716)
      402308.88   3781888.78       53.52834  (12121716)                402328.88
3781888.78       50.50064  (12121716)
      402348.88   3781888.78       48.25931  (12121716)                402368.88
3781888.78       46.04214  (12121716)
      402388.88   3781888.78       43.18919  (12121716)                402408.88
3781888.78       40.36643  (12121716)
      402428.88   3781888.78       38.03917  (12043018)                402448.88
3781888.78       36.63414  (12043018)
      402468.88   3781888.78       35.19998  (12043018)                402488.88
3781888.78       33.84761  (12043018)
      402508.88   3781888.78       32.52522  (12043018)                401308.88
3781908.78       29.79009  (15090901)
      401328.88   3781908.78       30.55878  (15090901)                401348.88
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3781908.78       31.28768  (15090901)
        401368.88   3781908.78       31.97562  (15090901)                401388.88
3781908.78       32.81344  (13082905)
        401408.88   3781908.78       33.81244  (13082905)                401428.88
3781908.78       34.65441  (13082905)
        401448.88   3781908.78       35.13104  (13051305)                401468.88
3781908.78       35.14458  (12101501)
        401488.88   3781908.78       35.70321  (12033117)                401508.88
3781908.78       36.25662  (12033117)
        401528.88   3781908.78       36.58401  (12033117)                401548.88
3781908.78       37.24852  (12033117)
        401568.88   3781908.78       38.06961  (12033117)                401588.88
3781908.78       38.54243  (12033117)
        401608.88   3781908.78       40.38424  (13082606)                401628.88
3781908.78       45.15056  (13082606)
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3781908.78       31.28768  (15090901)
        401368.88   3781908.78       31.97562  (15090901)                401388.88
3781908.78       32.81344  (13082905)
        401408.88   3781908.78       33.81244  (13082905)                401428.88
3781908.78       34.65441  (13082905)
        401448.88   3781908.78       35.13104  (13051305)                401468.88
3781908.78       35.14458  (12101501)
        401488.88   3781908.78       35.70321  (12033117)                401508.88
3781908.78       36.25662  (12033117)
        401528.88   3781908.78       36.58401  (12033117)                401548.88
3781908.78       37.24852  (12033117)
        401568.88   3781908.78       38.06961  (12033117)                401588.88
3781908.78       38.54243  (12033117)
        401608.88   3781908.78       40.38424  (13082606)                401628.88
3781908.78       45.15056  (13082606)
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Meadows at *** Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 309

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                 *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401648.88   3781908.78   50.42668 (13051301)   401668.88
3781908.78   53.65150 (15092022)
        401688.88   3781908.78   56.50572 (15092022)   401708.88
3781908.78   58.70571 (15092022)
        401728.88   3781908.78   62.22752 (12101702)   401748.88
3781908.78   65.75839 (15103001)
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     401768.88    3781908.78       71.40405  (16092618)              401788.88
3781908.78       88.67260  (15022217)
     401808.88    3781908.78      105.34441  (15022217)              401828.88
3781908.78      116.20622  (15022217)
     401848.88    3781908.78      107.91471  (15022217)              401868.88
3781908.78       93.83160  (16020617)
     401888.88    3781908.78       93.19919  (16020617)              401908.88
3781908.78       84.40373  (16020617)
     401928.88    3781908.78       75.03451  (12071919)              401948.88
3781908.78       72.22192  (12071919)
     401968.88    3781908.78       68.81473  (12071919)              401988.88
3781908.78       67.50993  (12071919)
     402008.88    3781908.78       67.60243  (12071919)              402028.88
3781908.78       69.84653  (12071919)
     402048.88    3781908.78       72.77344  (12071919)              402068.88
3781908.78       77.45791  (12071919)
     402088.88    3781908.78       81.72626  (12071919)              402108.88
3781908.78       84.77935  (12071919)
     402128.88    3781908.78       84.87323  (12071919)              402148.88
3781908.78       83.35456  (12071919)
     402168.88    3781908.78       77.06473  (12071919)              402188.88
3781908.78       73.75482  (12071919)
     402208.88    3781908.78       67.56115  (12071919)              402228.88
3781908.78       62.80467  (12071919)
     402248.88    3781908.78       59.18497  (12071919)              402268.88
3781908.78       55.82094  (12121716)
     402288.88    3781908.78       52.97747  (12121716)              402308.88
3781908.78       50.93636  (12121716)
     402328.88    3781908.78       48.81449  (12121716)              402348.88
3781908.78       46.99164  (12121716)
     402368.88    3781908.78       44.83414  (12121716)              402388.88
3781908.78       42.94722  (12121716)
     402408.88    3781908.78       40.68110  (12121716)              402428.88
3781908.78       38.35378  (12121716)
     402448.88    3781908.78       36.06895  (12121716)              402468.88
3781908.78       33.80491  (12121716)
     402488.88    3781908.78       32.20462  (12043018)              402508.88
3781908.78       31.17847  (12043018)
     401308.88    3781928.78       30.04042  (15090901)              401328.88
3781928.78       30.55585  (15090901)
     401348.88    3781928.78       31.40068  (13082905)              401368.88
3781928.78       32.22824  (13082905)
     401388.88    3781928.78       33.07067  (13082905)              401408.88
3781928.78       34.00295  (13051305)
     401428.88    3781928.78       34.65864  (13051305)              401448.88
3781928.78       35.62273  (12101501)
     401468.88    3781928.78       35.91366  (12101501)              401488.88
3781928.78       35.67579  (12071903)
     401508.88    3781928.78       34.76265  (16102323)              401528.88
3781928.78       35.83327  (16102323)
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      401548.88   3781928.78      35.21674  (12083123)            401568.88
3781928.78      37.47426  (12083123)
      401588.88   3781928.78      40.64313  (12083123)            401608.88
3781928.78      45.16095  (13051301)
      401628.88   3781928.78      47.81117  (13051301)            401648.88
3781928.78      49.68309  (15092022)
      401668.88   3781928.78      51.76043  (15092022)            401688.88
3781928.78      53.04988  (12101702)
      401708.88   3781928.78      56.35261  (12101702)            401728.88
3781928.78      59.65462  (15103001)
      401748.88   3781928.78      63.04504  (15103001)            401768.88
3781928.78      66.99238  (16092618)
      401788.88   3781928.78      76.14993  (15022217)            401808.88
3781928.78      87.48501  (15022217)
      401828.88   3781928.78      92.11947  (15022217)            401848.88
3781928.78      83.28984  (15022217)
      401868.88   3781928.78      72.13685  (16123116)            401888.88
3781928.78      70.39112  (16020617)
      401908.88   3781928.78      68.07093  (16020617)            401928.88
3781928.78      63.69270  (16020617)
      401948.88   3781928.78      59.08764  (16020617)            401968.88
3781928.78      58.25897  (12093020)
      401988.88   3781928.78      57.31685  (12100219)            402008.88
3781928.78      56.20904  (12081219)
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↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 310
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)

```
Y-COORD (M)          CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - -
        402028.88    3781928.78       56.28909  (12071820)              402048.88
3781928.78       58.40938  (12071919)
        402068.88    3781928.78       62.33532  (12071919)              402088.88
3781928.78       65.92718  (12071919)
        402108.88    3781928.78       69.51268  (12071919)              402128.88
3781928.78       71.65096  (12071919)
        402148.88    3781928.78       72.71819  (12071919)              402168.88
3781928.78       71.09810  (12071919)
        402188.88    3781928.78       68.24799  (12071919)              402208.88
3781928.78       63.56721  (12071919)
        402228.88    3781928.78       61.94506  (12071919)              402248.88
3781928.78       58.15884  (12071919)
        402268.88    3781928.78       52.38382  (12071919)              402288.88
3781928.78       48.18415  (12121716)
        402308.88    3781928.78       47.04502  (12121716)              402328.88
3781928.78       45.38329  (12121716)
        402348.88    3781928.78       43.74899  (12121716)              402368.88
3781928.78       41.96155  (12121716)
        402388.88    3781928.78       41.31490  (12121716)              402408.88
3781928.78       39.99389  (12121716)
        402428.88    3781928.78       38.11564  (12121716)              402448.88
3781928.78       36.22890  (12121716)
        402468.88    3781928.78       34.31492  (12121716)              402488.88
3781928.78       32.41471  (12121716)
        402508.88    3781928.78       30.53677  (12121716)              401308.88
3781948.78       29.71309  (13082905)
        401328.88    3781948.78       30.40094  (13082905)              401348.88
3781948.78       31.06549  (13051305)
        401368.88    3781948.78       31.78941  (13051305)              401388.88
3781948.78       32.47843  (13051305)
        401408.88    3781948.78       33.44444  (12101501)              401428.88
3781948.78       34.61177  (12101501)
        401448.88    3781948.78       35.84865  (12101501)              401468.88
3781948.78       36.65195  (12101501)
        401488.88    3781948.78       37.21710  (12071903)              401508.88
3781948.78       35.50742  (15100906)
        401528.88    3781948.78       34.75006  (12083123)              401548.88
3781948.78       38.64906  (12081701)
        401568.88    3781948.78       43.12283  (12081701)              401588.88
3781948.78       43.67021  (13051301)
        401608.88    3781948.78       44.89332  (13051301)              401628.88
3781948.78       46.47715  (15092022)
        401648.88    3781948.78       47.73303  (15092022)              401668.88
3781948.78       49.28510  (15092022)
        401688.88    3781948.78       51.90984  (12101702)              401708.88
3781948.78       55.04476  (13051302)
        401728.88    3781948.78       56.90869  (13051302)              401748.88
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3781948.78        60.87696  (13051302)
       401768.88   3781948.78       64.17759  (16092502)              401788.88
3781948.78        66.43411  (15022217)
       401808.88   3781948.78       74.79540  (15022217)              401828.88
3781948.78        75.66342  (15022217)
       401848.88   3781948.78       67.91866  (15022217)              401868.88
3781948.78        62.30179  (12101623)
       401888.88   3781948.78       60.97086  (13111317)              401908.88
3781948.78        59.12343  (14091721)
       401928.88   3781948.78       57.02432  (16072224)              401948.88
3781948.78        55.89287  (16072224)
       401968.88   3781948.78       55.23191  (12093020)              401988.88
3781948.78        54.40615  (12093020)
       402008.88   3781948.78       54.02650  (12100219)              402028.88
3781948.78        53.34101  (16092519)
       402048.88   3781948.78       52.87492  (16072221)              402068.88
3781948.78        52.53580  (15091120)
       402088.88   3781948.78       53.74170  (12071919)              402108.88
3781948.78        57.15793  (12071919)
       402128.88   3781948.78       59.64531  (12071919)              402148.88
3781948.78        61.39394  (12071919)
       402168.88   3781948.78       63.29699  (12071919)              402188.88
3781948.78        61.88987  (12071919)
       402208.88   3781948.78       60.39013  (12071919)              402228.88
3781948.78        58.68138  (12071919)
       402248.88   3781948.78       55.96954  (12071919)              402268.88
3781948.78        52.45531  (12071919)
       402288.88   3781948.78       47.90366  (12071919)              402308.88
3781948.78        43.59469  (12071919)
       402328.88   3781948.78       41.31555  (12121716)              402348.88
3781948.78        40.40632  (12121716)
       402368.88   3781948.78       39.05134  (12121716)              402388.88
3781948.78        38.63038  (12121716)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026

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, L0000027    , L0000028    , . . .      ,


                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


       X-COORD (M)  Y-COORD (M)      CONC    (YYMMDDHH)             X-COORD (M)
 Y-COORD (M)      CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - -
        402408.88   3781948.78      38.35293 (12121716)            402428.88
3781948.78      36.98634 (12121716)
        402448.88   3781948.78      35.53984 (12121716)            402468.88
3781948.78      34.02276 (12121716)
        402488.88   3781948.78      32.44438 (12121716)            402508.88
3781948.78      30.87078 (12121716)
        401308.88   3781968.78      32.11792 (15070205)            401328.88
3781968.78      33.14093 (13090623)
        401348.88   3781968.78      34.14424 (13090623)            401368.88
3781968.78      35.07143 (13090623)
        401388.88   3781968.78      35.85835 (13090623)            401408.88
3781968.78      36.49546 (13090623)
        401428.88   3781968.78      37.49630 (13090706)            401448.88
3781968.78      37.15578 (13090706)
        401468.88   3781968.78      37.13292 (12071903)            401488.88
3781968.78      38.33223 (13090603)
        401508.88   3781968.78      36.60220 (12081701)            401528.88
3781968.78      38.60213 (12081701)
        401548.88   3781968.78      41.67552 (12081701)            401568.88
3781968.78      42.28989 (13051301)
        401588.88   3781968.78      42.96951 (13051301)            401608.88
3781968.78      44.26691 (15092022)
        401628.88   3781968.78      45.56176 (15092022)            401648.88
3781968.78      47.50575 (15092022)
        401668.88   3781968.78      48.28560 (12090103)            401688.88
3781968.78      50.88914 (13051302)
        401708.88   3781968.78      53.96379 (13051302)            401728.88
3781968.78      57.21921 (13051302)
        401748.88   3781968.78      58.94171 (16102304)            401768.88
3781968.78      60.95390 (16092502)
        401788.88   3781968.78      61.26941 (12112420)            401808.88
3781968.78      63.27826 (15022217)
        401828.88   3781968.78      63.79714 (15022217)            401848.88
3781968.78      58.36341 (12101804)
        401868.88   3781968.78      58.03765 (12101623)            401888.88
3781968.78      56.90893 (13111317)
        401908.88   3781968.78      55.09840 (14091721)            401928.88
3781968.78      54.56807 (16072224)
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      401948.88   3781968.78      53.11675  (13092320)             401968.88
3781968.78      52.47204  (12093020)
      401988.88   3781968.78      51.78273  (12093020)             402008.88
3781968.78      51.37678  (12100219)
      402028.88   3781968.78      51.06972  (12100219)             402048.88
3781968.78      50.60867  (16072221)
      402068.88   3781968.78      50.54939  (16072221)             402088.88
3781968.78      49.56373  (15092101)
      402108.88   3781968.78      48.47749  (12101619)             402128.88
3781968.78      49.25602  (12071919)
      402148.88   3781968.78      51.76524  (12071919)             402168.88
3781968.78      55.15079  (12071919)
      402188.88   3781968.78      55.31976  (12071919)             402208.88
3781968.78      55.40035  (12071919)
      402228.88   3781968.78      54.39233  (12071919)             402248.88
3781968.78      52.81255  (12071919)
      402268.88   3781968.78      50.69906  (12071919)             402288.88
3781968.78      48.13585  (12071919)
      402308.88   3781968.78      44.38483  (12071919)             402328.88
3781968.78      40.15408  (12071919)
      402348.88   3781968.78      38.46793  (12082821)             402368.88
3781968.78      37.59818  (12082821)
      402388.88   3781968.78      36.66451  (13082821)             402408.88
3781968.78      35.87788  (12121716)
      402428.88   3781968.78      35.01630  (12121716)             402448.88
3781968.78      34.03128  (12121716)
      402468.88   3781968.78      32.94817  (12121716)             402488.88
3781968.78      31.81823  (12121716)
      402508.88   3781968.78      30.57466  (12121716)             401308.88
3781988.78      32.49224  (13090623)
      401328.88   3781988.78      33.27714  (13090623)             401348.88
3781988.78      33.92426  (13090623)
      401368.88   3781988.78      34.39977  (13090623)             401388.88
3781988.78      35.32022  (13090706)
      401408.88   3781988.78      36.49228  (13090706)             401428.88
3781988.78      37.26799  (13090706)
      401448.88   3781988.78      37.54877  (15090806)             401468.88
3781988.78      39.02549  (13090603)
      401488.88   3781988.78      39.17344  (13090603)             401508.88
3781988.78      36.77193  (12081701)
      401528.88   3781988.78      40.05587  (12081701)             401548.88
3781988.78      40.64510  (13051301)
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⋏ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                     ***   05:36:20

                     PAGE 312
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                              INCLUDING SOURCE(S):    L0000001   , L0000002
, L0000003   , L0000004   , L0000005    ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013    ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021    ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   ,  . . .      ,


                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


      X-COORD (M)  Y-COORD (M)      CONC    (YYMMDDHH)              X-COORD (M)
Y-COORD (M)      CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        401568.88   3781988.78     41.34056 (15062805)             401588.88
3781988.78      42.98799 (15092022)
        401608.88   3781988.78     44.66393 (15092022)             401628.88
3781988.78      44.99761 (15092022)
        401648.88   3781988.78     45.97693 (12090103)             401668.88
3781988.78      49.23834 (13051302)
        401688.88   3781988.78     52.42469 (13051302)             401708.88
3781988.78      55.19585 (14100501)
        401728.88   3781988.78     56.38729 (15101402)             401748.88
3781988.78      56.35154 (16092502)
        401768.88   3781988.78     57.60282 (15072705)             401788.88
3781988.78      58.20135 (15091906)
        401808.88   3781988.78     57.32321 (14091903)             401828.88
3781988.78      55.20521 (16102306)
        401848.88   3781988.78     55.51254 (12101804)             401868.88
3781988.78      54.51449 (15120901)
        401888.88   3781988.78     53.36989 (13082624)             401908.88
3781988.78      52.95930 (16072224)
        401928.88   3781988.78     52.17981 (16072224)             401948.88
3781988.78      50.80610 (13092320)
        401968.88   3781988.78     50.12164 (12093020)             401988.88
3781988.78      49.56543 (12093020)
        402008.88   3781988.78     48.97590 (12100219)             402028.88
3781988.78      48.88205 (12100219)
        402048.88   3781988.78     48.40050 (16092519)             402068.88
3781988.78      48.38774 (16072221)
        402088.88   3781988.78     48.06047 (16072221)             402108.88
3781988.78      47.24039 (15090824)
        402128.88   3781988.78     45.93747 (12100119)             402148.88
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3781988.78        45.07557  (12092119)
        402168.88   3781988.78      47.39297  (12071919)               402188.88
3781988.78        48.67687  (12071919)
        402208.88   3781988.78      49.33271  (12071919)               402228.88
3781988.78        49.34781  (12071919)
        402248.88   3781988.78      48.69318  (12071919)               402268.88
3781988.78        47.38142  (12071919)
        402288.88   3781988.78      45.48025  (12071919)               402308.88
3781988.78        42.60428  (12071919)
        402328.88   3781988.78      38.70810  (12082820)               402348.88
3781988.78        37.74926  (12080920)
        402368.88   3781988.78      36.80356  (12080920)               402388.88
3781988.78        36.18366  (12082821)
        402408.88   3781988.78      32.90599  (12081020)               402428.88
3781988.78        32.42486  (12121716)
        402448.88   3781988.78      31.83700  (12121716)               402468.88
3781988.78        31.18418  (12121716)
        402488.88   3781988.78      30.40838  (12121716)               402508.88
3781988.78        29.62349  (12080821)
        401308.88   3782008.78      32.25484  (13090623)               401328.88
3782008.78        32.69687  (13090623)
        401348.88   3782008.78      33.48010  (13090706)               401368.88
3782008.78        34.64312  (13090706)
        401388.88   3782008.78      35.63255  (13090706)               401408.88
3782008.78        36.40118  (15090806)
        401428.88   3782008.78      37.00681  (13090603)               401448.88
3782008.78        38.12660  (13090603)
        401468.88   3782008.78      39.17323  (13090603)               401488.88
3782008.78        38.71383  (12100202)
        401508.88   3782008.78      37.63122  (13051301)               401528.88
3782008.78        39.07699  (13051301)
        401548.88   3782008.78      40.00511  (15062805)               401568.88
3782008.78        41.64771  (15092022)
        401588.88   3782008.78      42.89026  (15092022)               401608.88
3782008.78        43.48295  (15092022)
        401628.88   3782008.78      45.31046  (12090103)               401648.88
3782008.78        48.77100  (16062005)
        401668.88   3782008.78      51.54870  (13082701)               401688.88
3782008.78        52.86712  (14100501)
        401708.88   3782008.78      54.14536  (15101402)               401728.88
3782008.78        54.02586  (12101424)
        401748.88   3782008.78      54.46465  (15102324)               401768.88
3782008.78        55.72047  (16081403)
        401788.88   3782008.78      55.73276  (14100506)               401808.88
3782008.78        53.91884  (14091502)
        401828.88   3782008.78      53.34776  (12101804)               401848.88
3782008.78        52.80942  (12101623)
        401868.88   3782008.78      52.98088  (14091422)               401888.88
3782008.78        52.20684  (13082624)
        401908.88   3782008.78      51.01597  (16072224)               401928.88
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3782008.78      50.07616  (16072224)
♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***       04/07/21
 *** AERMET - VERSION  16216 ***   ***
                          ***       05:36:20


                                PAGE 313
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                         *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .       ,


                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                            ** CONC OF PM_10    IN MICROGRAMS/M**3
          **


    X-COORD (M)  Y-COORD (M)      CONC    (YYMMDDHH)          X-COORD (M)
Y-COORD (M)      CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - -
        401948.88   3782008.78      48.81910  (13092320)           401968.88
3782008.78      48.04380  (12093020)
        401988.88   3782008.78      47.62972  (12093020)           402008.88
3782008.78      47.07376  (12093020)
        402028.88   3782008.78      46.88185  (12100219)           402048.88
3782008.78      46.53825  (12100219)
        402068.88   3782008.78      46.20201  (16072221)           402088.88
3782008.78      46.12977  (16072221)
        402108.88   3782008.78      45.49256  (15092101)           402128.88
3782008.78      44.93415  (15090824)
        402148.88   3782008.78      42.38946  (12101619)           402168.88
3782008.78      40.24540  (12071919)
        402188.88   3782008.78      42.05657  (12071919)           402208.88
3782008.78      43.21845  (12071919)
        402228.88   3782008.78      43.94612  (12071919)           402248.88
3782008.78      44.06218  (12071919)
        402268.88   3782008.78      43.01625  (12071919)           402288.88
3782008.78      41.85236  (12071919)
        402308.88   3782008.78      39.15620  (12071919)           402328.88
3782008.78      37.77947  (12110518)
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     402348.88   3782008.78        37.07135  (12082820)               402368.88
3782008.78       36.10444  (12082820)
     402388.88   3782008.78        35.49680  (12080920)               402408.88
3782008.78       34.31321  (12080920)
     402428.88   3782008.78        33.95153  (12082821)               402448.88
3782008.78       33.23355  (12082821)
     402468.88   3782008.78        31.52458  (12082821)               402488.88
3782008.78       31.78464  (13082821)
     402508.88   3782008.78        31.01507  (13082821)               401308.88
3782028.78       31.77138  (13090706)
     401328.88   3782028.78        32.81518  (13090706)               401348.88
3782028.78       33.76665  (13090706)
     401368.88   3782028.78        34.63816  (13090706)               401388.88
3782028.78       35.48952  (15090806)
     401408.88   3782028.78        36.31770  (13090603)               401428.88
3782028.78       37.08327  (13090603)
     401448.88   3782028.78        37.99233  (12100202)               401468.88
3782028.78       38.85492  (12100202)
     401488.88   3782028.78        38.53196  (15092105)               401508.88
3782028.78       37.32503  (13051301)
     401528.88   3782028.78        38.65478  (13062904)               401548.88
3782028.78       40.02536  (15092022)
     401568.88   3782028.78        40.85856  (15092022)               401588.88
3782028.78       42.97919  (13090403)
     401608.88   3782028.78        45.91579  (16062005)               401628.88
3782028.78       48.36738  (16062005)
     401648.88   3782028.78        49.53244  (13082701)               401668.88
3782028.78       50.09785  (12092323)
     401688.88   3782028.78        51.29188  (15101402)               401708.88
3782028.78       51.87363  (12101424)
     401728.88   3782028.78        52.28247  (15102324)               401748.88
3782028.78       52.82356  (15072705)
     401768.88   3782028.78        54.18764  (15091906)               401788.88
3782028.78       54.20448  (14091502)
     401808.88   3782028.78        53.27119  (14091502)               401828.88
3782028.78       51.89382  (14091503)
     401848.88   3782028.78        51.39278  (14091422)               401868.88
3782028.78       51.06632  (14091422)
     401888.88   3782028.78        50.23958  (13082624)               401908.88
3782028.78       48.86357  (12101803)
     401928.88   3782028.78        48.45506  (16072224)               401948.88
3782028.78       47.44512  (13092320)
     401968.88   3782028.78        46.78147  (12093020)               401988.88
3782028.78       46.42111  (12093020)
     402008.88   3782028.78        45.76475  (12093020)               402028.88
3782028.78       45.20748  (12100219)
     402048.88   3782028.78        44.92347  (12100219)               402068.88
3782028.78       44.45063  (16092519)
     402088.88   3782028.78        44.56842  (16072221)               402108.88
3782028.78       44.35121  (16072221)
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         402128.88   3782028.78      43.53002  (15090824)                402148.88
3782028.78     40.93858  (12101619)
         402168.88   3782028.78      38.71521  (12101619)                402188.88
3782028.78     37.83030  (12093019)
         402208.88   3782028.78      38.80876  (12092119)                402228.88
3782028.78     38.48205  (12071919)
         402248.88   3782028.78      38.97515  (12071919)                402268.88
3782028.78     39.09749  (12071919)
         402288.88   3782028.78      38.40971  (12081723)                402308.88
3782028.78     37.92583  (14091424)
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↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                            PAGE 314
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
         402328.88   3782028.78   37.72728 (15091021)   402348.88
3782028.78   36.19937 (12110518)
         402368.88   3782028.78   35.42962 (12082820)   402388.88
3782028.78   34.98447 (12082820)
         402408.88   3782028.78   34.18281 (12080920)   402428.88
3782028.78   33.56980 (12080920)
         402448.88   3782028.78   32.90403 (12082821)   402468.88
3782028.78   32.16679 (12082821)
         402488.88   3782028.78   31.47280 (12082821)   402508.88
3782028.78   31.09717 (13082821)
         401308.88   3782048.78   32.14287 (13090706)   401328.88
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3782048.78        32.85627   (13090706)
        401348.88    3782048.78       33.55551   (15090806)                    401368.88
3782048.78        34.17755   (13090603)
        401388.88    3782048.78       35.15600   (13090603)                    401408.88
3782048.78        35.84550   (13090603)
        401428.88    3782048.78       36.69093   (12100202)                    401448.88
3782048.78        37.46941   (15092105)
        401468.88    3782048.78       38.57683   (15092105)                    401488.88
3782048.78        38.30757   (13090605)
        401508.88    3782048.78       36.45445   (15092022)                    401528.88
3782048.78        38.75148   (13090506)
        401548.88    3782048.78       39.93435   (13090506)                    401568.88
3782048.78        41.96938   (13090403)
        401588.88    3782048.78       43.40049   (16062005)                    401608.88
3782048.78        46.19205   (16062005)
        401628.88    3782048.78       46.97699   (13082701)                    401648.88
3782048.78        47.62780   (12092323)
        401668.88    3782048.78       48.60472   (15101402)                    401688.88
3782048.78        49.32358   (12101424)
        401708.88    3782048.78       50.48598   (12101424)                    401728.88
3782048.78        50.61861   (15102324)
        401748.88    3782048.78       51.97857   (16081403)                    401768.88
3782048.78        51.75821   (14100506)
        401788.88    3782048.78       52.11179   (14091502)                    401808.88
3782048.78        51.00760   (14091502)
        401828.88    3782048.78       50.58065   (14091503)                    401848.88
3782048.78        50.63598   (14091422)
        401868.88    3782048.78       49.84118   (13090402)                    401888.88
3782048.78        49.23381   (13082624)
        401908.88    3782048.78       47.61328   (12101803)                    401928.88
3782048.78        47.01450   (16072224)
        401948.88    3782048.78       46.26496   (13092320)                    401968.88
3782048.78        45.54930   (16062102)
        401988.88    3782048.78       45.27944   (12093020)                    402008.88
3782048.78        44.65415   (12093020)
        402028.88    3782048.78       43.70455   (12093020)                    402048.88
3782048.78        43.52033   (12100219)
        402068.88    3782048.78       42.91961   (12100219)                    402088.88
3782048.78        42.69243   (12080622)
        402108.88    3782048.78       42.83311   (16072221)                    402128.88
3782048.78        42.33689   (15092101)
        402148.88    3782048.78       39.85819   (15091120)                    402168.88
3782048.78        37.27388   (12101619)
        402188.88    3782048.78       39.08197   (12093019)                    402208.88
3782048.78        40.07359   (13090524)
        402228.88    3782048.78       37.76420   (13090524)                    402248.88
3782048.78        36.81465   (12091519)
        402268.88    3782048.78       37.68188   (12080922)                    402288.88
3782048.78        37.46221   (13082901)
        402308.88    3782048.78       38.09058   (12081723)                    402328.88
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         3782048.78        37.35308  (14091424)
        402348.88    3782048.78        36.31223  (14091424)            402368.88
3782048.78        35.51244  (15091021)
        402388.88    3782048.78        34.11868  (12110518)            402408.88
3782048.78        33.61231  (12082820)
        402428.88    3782048.78        32.99111  (12082820)            402448.88
3782048.78        32.23291  (12080920)
        402468.88    3782048.78        31.71838  (12081621)            402488.88
3782048.78        31.17172  (12082821)
        402508.88    3782048.78        30.48733  (12082821)            401308.88
3782068.78        31.81042  (15090806)
        401328.88    3782068.78        32.36442  (15090806)            401348.88
3782068.78        33.17031  (13090603)
        401368.88    3782068.78        33.90764  (13090603)            401388.88
3782068.78        34.53336  (12100202)
        401408.88    3782068.78        35.37777  (12100202)            401428.88
3782068.78        36.19954  (15092105)
        401448.88    3782068.78        37.10138  (15092105)            401468.88
3782068.78        37.93743  (13090605)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                                    PAGE 315
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                           INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
                                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
                                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
                                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        401488.88   3782068.78   37.97453 (13062904)   401508.88
3782068.78   39.25369 (13090506)

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       401528.88    3782068.78        40.26588   (13090506)                     401548.88
3782068.78       40.60614   (13090403)
       401568.88    3782068.78        42.26706   (16062005)                     401588.88
3782068.78       43.49461   (16062005)
       401608.88    3782068.78        44.62736   (13082701)                     401628.88
3782068.78       45.28598   (12092323)
       401648.88    3782068.78        46.15663   (14100501)                     401668.88
3782068.78       47.04652   (13082602)
       401688.88    3782068.78        47.84103   (12101424)                     401708.88
3782068.78       48.53263   (15102324)
       401728.88    3782068.78        49.53098   (15072705)                     401748.88
3782068.78       49.75047   (15091906)
       401768.88    3782068.78        49.64287   (14100506)                     401788.88
3782068.78       50.18663   (14091502)
       401808.88    3782068.78        50.53403   (16072404)                     401828.88
3782068.78       49.33118   (15091302)
       401848.88    3782068.78        51.39961   (14091422)                     401868.88
3782068.78       50.10255   (13090402)
       401888.88    3782068.78        48.94992   (13082624)                     401908.88
3782068.78       48.22139   (16072224)
       401928.88    3782068.78        47.94886   (16072224)                     401948.88
3782068.78       46.84265   (13092320)
       401968.88    3782068.78        45.48764   (16062102)                     401988.88
3782068.78       44.36333   (12093020)
       402008.88    3782068.78        43.28497   (12093020)                     402028.88
3782068.78       42.34402   (12093020)
       402048.88    3782068.78        41.83842   (12100219)                     402068.88
3782068.78       41.52741   (12100219)
       402088.88    3782068.78        41.05502   (12080622)                     402108.88
3782068.78       41.26096   (16072221)
       402128.88    3782068.78        41.15308   (16072221)                     402148.88
3782068.78       38.90986   (15091120)
       402168.88    3782068.78        37.22649   (15091120)                     402188.88
3782068.78       39.83606   (12100119)
       402208.88    3782068.78        39.45503   (12100119)                     402228.88
3782068.78       38.49558   (13090524)
       402248.88    3782068.78        37.91246   (13090524)                     402268.88
3782068.78       37.31847   (12080922)
       402288.88    3782068.78        36.32627   (15080505)                     402308.88
3782068.78       37.47688   (13082901)
       402328.88    3782068.78        38.39524   (12081723)                     402348.88
3782068.78       37.93769   (12091820)
       402368.88    3782068.78        37.20655   (14091424)                     402388.88
3782068.78       35.50747   (15091021)
       402408.88    3782068.78        33.02615   (12110518)                     402428.88
3782068.78       32.13143   (12082820)
       402448.88    3782068.78        31.55823   (12082820)                     402468.88
3782068.78       31.30554   (12080920)
       402488.88    3782068.78        30.83948   (12080920)                     402508.88
3782068.78       29.84047   (12082821)
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      401308.88   3782088.78       31.39766  (13090603)                  401328.88
3782088.78       32.12728  (13090603)
      401348.88   3782088.78       32.63273  (13090603)                  401368.88
3782088.78       33.39596  (12100202)
      401388.88   3782088.78       33.99214  (12100202)                  401408.88
3782088.78       34.92665  (15092105)
      401428.88   3782088.78       35.60951  (15092105)                  401448.88
3782088.78       36.58147  (13090605)
      401468.88   3782088.78       37.22820  (13062904)                  401488.88
3782088.78       37.84978  (13090506)
      401508.88   3782088.78       38.60792  (13090506)                  401528.88
3782088.78       39.61882  (13090403)
      401548.88   3782088.78       40.38461  (16062005)                  401568.88
3782088.78       41.74726  (16062005)
      401588.88   3782088.78       42.39527  (13082701)                  401608.88
3782088.78       43.32479  (12092323)
      401628.88   3782088.78       44.12029  (14100501)                  401648.88
3782088.78       44.85275  (15101402)
      401668.88   3782088.78       45.68526  (12101424)                  401688.88
3782088.78       46.36923  (15102324)
      401708.88   3782088.78       47.43194  (15102324)                  401728.88
3782088.78       49.59420  (16081403)
      401748.88   3782088.78       47.89943  (15091906)                  401768.88
3782088.78       47.02248  (15080504)
      401788.88   3782088.78       48.08194  (14091502)                  401808.88
3782088.78       50.49011  (14091503)
      401828.88   3782088.78       49.86979  (14091422)                  401848.88
3782088.78       51.29201  (14091422)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                            PAGE 316
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                           INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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                                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)              X-COORD (M)
 Y-COORD (M)       CONC     (YYMMDDHH)
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - -
         401868.88   3782088.78       51.15999  (13082624)              401888.88
 3782088.78       49.18961  (13082624)
         401908.88   3782088.78       49.71385  (16072224)              401928.88
 3782088.78       49.03655  (16072224)
         401948.88   3782088.78       47.35660  (13092320)              401968.88
 3782088.78       44.75628  (14072805)
         401988.88   3782088.78       42.66069  (12093020)              402008.88
 3782088.78       42.36519  (12093020)
         402028.88   3782088.78       41.91147  (12093020)              402048.88
 3782088.78       40.60404  (12100219)
         402068.88   3782088.78       40.40068  (12100219)              402088.88
 3782088.78       39.73339  (16092519)
         402108.88   3782088.78       39.67925  (12080622)              402128.88
 3782088.78       39.72146  (16072221)
         402148.88   3782088.78       39.34986  (16072221)              402168.88
 3782088.78       37.06158  (15091120)
         402188.88   3782088.78       38.00968  (15090824)              402208.88
 3782088.78       39.16573  (12100119)
         402228.88   3782088.78       39.48122  (12100119)              402248.88
 3782088.78       37.18541  (13090524)
         402268.88   3782088.78       36.33326  (13090524)              402288.88
 3782088.78       35.86819  (12080922)
         402308.88   3782088.78       36.55756  (15080505)              402328.88
 3782088.78       38.61139  (13082901)
         402348.88   3782088.78       39.16348  (12081723)              402368.88
 3782088.78       37.99276  (12091820)
         402388.88   3782088.78       36.63620  (14091424)              402408.88
 3782088.78       34.22301  (15091021)
         402428.88   3782088.78       31.62352  (12110518)              402448.88
 3782088.78       30.87412  (12110518)
         402468.88   3782088.78       30.98505  (12082820)              402488.88
 3782088.78       30.04827  (12082820)
         402508.88   3782088.78       29.53451  (12080920)              401308.88
 3782108.78       31.03414  (13090603)
         401328.88   3782108.78       31.59804  (12100202)              401348.88
 3782108.78       32.26341  (12100202)
         401368.88   3782108.78       32.88427  (15092105)              401388.88
 3782108.78       33.67053  (15092105)
         401408.88   3782108.78       34.30111  (13090605)              401428.88
 3782108.78       35.27867  (13090605)
         401448.88   3782108.78       36.15779  (13062904)              401468.88
 3782108.78       36.73081  (13090506)
         401488.88   3782108.78       37.31076  (15092402)              401508.88
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3782108.78        38.30851  (13090403)
        401528.88    3782108.78        39.11019  (12081803)                    401548.88
3782108.78        40.27514  (16062005)
        401568.88    3782108.78        41.22103  (13082701)                    401588.88
3782108.78        42.05873  (12092323)
        401608.88    3782108.78        42.72596  (14100501)                    401628.88
3782108.78        43.77598  (15101402)
        401648.88    3782108.78        44.68510  (12101424)                    401668.88
3782108.78        45.42409  (15093002)
        401688.88    3782108.78        47.25038  (15102324)                    401708.88
3782108.78        49.17042  (15072705)
        401728.88    3782108.78        50.35500  (15091906)                    401748.88
3782108.78        48.63303  (14100506)
        401768.88    3782108.78        47.78750  (14091502)                    401788.88
3782108.78        46.45449  (14091502)
        401808.88    3782108.78        50.52277  (14091503)                    401828.88
3782108.78        51.85152  (14091422)
        401848.88    3782108.78        51.34595  (14091422)                    401868.88
3782108.78        51.47617  (13082624)
        401888.88    3782108.78        49.36081  (12090223)                    401908.88
3782108.78        49.54966  (16072224)
        401928.88    3782108.78        48.64694  (16072224)                    401948.88
3782108.78        46.44606  (13092320)
        401968.88    3782108.78        43.52483  (13092320)                    401988.88
3782108.78        41.52309  (16062102)
        402008.88    3782108.78        42.77145  (12093020)                    402028.88
3782108.78        41.67142  (12093020)
        402048.88    3782108.78        39.60326  (12090501)                    402068.88
3782108.78        39.32396  (12100219)
        402088.88    3782108.78        38.96025  (12100219)                    402108.88
3782108.78        38.42008  (15043024)
        402128.88    3782108.78        38.31314  (16072221)                    402148.88
3782108.78        38.22856  (16072221)
        402168.88    3782108.78        37.85184  (15092101)                    402188.88
3782108.78        35.33120  (12082121)
        402208.88    3782108.78        36.95185  (15090824)                    402228.88
3782108.78        39.89212  (12100119)
♠ *** AERMOD - VERSION  19191 ***    *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***    ***
                        ***        05:36:20


                            PAGE 317
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:   EQUIP     ***
                            INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
             L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

```
      X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)           X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
       402248.88   3782108.78      38.81519 (13062822)           402268.88
3782108.78      37.90561 (13090524)
       402288.88   3782108.78      37.10701 (13090524)           402308.88
3782108.78      37.42704 (12080922)
       402328.88   3782108.78      37.39698 (15080505)           402348.88
3782108.78      38.61069 (13082901)
       402368.88   3782108.78      38.31819 (12081723)           402388.88
3782108.78      36.79283 (12091820)
       402408.88   3782108.78      34.95661 (14091424)           402428.88
3782108.78      32.20951 (14091424)
       402448.88   3782108.78      30.71220 (15091021)           402468.88
3782108.78      29.90453 (12110518)
       402488.88   3782108.78      30.01841 (12082820)           402508.88
3782108.78      30.29203 (12082820)
       401308.88   3782128.78      30.62817 (12100202)           401328.88
3782128.78      31.08966 (12100202)
       401348.88   3782128.78      31.85884 (15092105)           401368.88
3782128.78      32.42200 (15092105)
       401388.88   3782128.78      33.15076 (13090605)           401408.88
3782128.78      33.91171 (13090605)
       401428.88   3782128.78      34.70895 (16092906)           401448.88
3782128.78      36.13070 (13090506)
       401468.88   3782128.78      36.45098 (15092402)           401488.88
3782128.78      37.29713 (13090403)
       401508.88   3782128.78      38.60134 (12081803)           401528.88
3782128.78      39.15328 (16062005)
       401548.88   3782128.78      40.95542 (13082701)           401568.88
3782128.78      42.66678 (12092323)
       401588.88   3782128.78      43.02632 (12092824)           401608.88
3782128.78      44.29066 (15101402)
       401628.88   3782128.78      44.73140 (13082602)           401648.88
3782128.78      44.88364 (12101424)
       401668.88   3782128.78      46.33395 (15102324)           401688.88
3782128.78      48.34813 (12111623)
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        401708.88    3782128.78       49.77179  (16081403)                401728.88
3782128.78       50.78622  (15091906)
        401748.88    3782128.78       48.80137  (15080504)                401768.88
3782128.78       47.48051  (14091502)
        401788.88    3782128.78       45.39850  (12100206)                401808.88
3782128.78       49.19225  (14091503)
        401828.88    3782128.78       51.58500  (14091422)                401848.88
3782128.78       50.82445  (13090402)
        401868.88    3782128.78       50.62532  (13082624)                401888.88
3782128.78       49.13153  (12090223)
        401908.88    3782128.78       48.55980  (16072224)                401928.88
3782128.78       47.27660  (16072224)
        401948.88    3782128.78       45.00423  (13092320)                401968.88
3782128.78       41.95060  (13092320)
        401988.88    3782128.78       41.35353  (16062102)                402008.88
3782128.78       42.50159  (12093020)
        402028.88    3782128.78       41.41773  (12093020)                402048.88
3782128.78       39.34115  (12093020)
        402068.88    3782128.78       38.23099  (12100219)                402088.88
3782128.78       38.28906  (12100219)
        402108.88    3782128.78       37.61567  (15043024)                402128.88
3782128.78       37.22176  (12080622)
        402148.88    3782128.78       37.14312  (16072221)                402168.88
3782128.78       36.82296  (16072221)
        402188.88    3782128.78       35.35334  (15092101)                402208.88
3782128.78       36.16515  (15090824)
        402228.88    3782128.78       38.54431  (12100119)                402248.88
3782128.78       39.73344  (12100119)
        402268.88    3782128.78       38.59226  (13062822)                402288.88
3782128.78       38.47773  (13090524)
        402308.88    3782128.78       38.06624  (12080922)                402328.88
3782128.78       38.04702  (12080922)
        402348.88    3782128.78       37.70443  (15080505)                402368.88
3782128.78       37.67219  (13082901)
        402388.88    3782128.78       36.52319  (12081723)                402408.88
3782128.78       34.54825  (12081723)
        402428.88    3782128.78       31.99931  (14091424)                402448.88
3782128.78       30.31736  (14091424)
        402468.88    3782128.78       30.18462  (15091021)                402488.88
3782128.78       31.49515  (12110518)
        402508.88    3782128.78       31.58683  (12082820)                401308.88
3782148.78       30.03316  (15092105)
        401328.88    3782148.78       30.79227  (15092105)                401348.88
3782148.78       31.18812  (15092105)
        401368.88    3782148.78       32.02439  (13090605)                401388.88
3782148.78       32.68652  (13062904)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       401408.88   3782148.78   33.51843 (16092906)   401428.88
3782148.78   34.84926 (13090506)
       401448.88   3782148.78   36.06465 (15092402)   401468.88
3782148.78   37.15677 (13090403)
       401488.88   3782148.78   39.95789 (12081803)   401508.88
3782148.78   41.25530 (16062005)
       401528.88   3782148.78   41.17876 (13082701)   401548.88
3782148.78   42.89227 (12092323)
       401568.88   3782148.78   44.41097 (15080404)   401588.88
3782148.78   44.86305 (14100501)
       401608.88   3782148.78   45.73323 (12081906)   401628.88
3782148.78   46.17486 (12101424)
       401648.88   3782148.78   45.92019 (15102324)   401668.88
3782148.78   46.41513 (15102324)
       401688.88   3782148.78   49.25543 (15072705)   401708.88
3782148.78   49.96298 (15091906)
       401728.88   3782148.78   50.30898 (14100506)   401748.88
3782148.78   48.91994 (14091502)
       401768.88   3782148.78   47.91996 (14091502)   401788.88
3782148.78   45.73453 (12100206)
       401808.88   3782148.78   48.37452 (15091302)   401828.88
3782148.78   49.99483 (14091422)
       401848.88   3782148.78   49.79095 (13090402)   401868.88
3782148.78   49.35661 (13082624)
       401888.88   3782148.78   48.07079 (12090223)   401908.88

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3782148.78       46.92045   (12101803)
        401928.88   3782148.78       45.32664   (16072224)              401948.88
3782148.78       42.83113   (16072224)
        401968.88   3782148.78       41.32457   (13092320)              401988.88
3782148.78       41.87450   (16062102)
        402008.88   3782148.78       42.10709   (12093020)              402028.88
3782148.78       41.19822   (12093020)
        402048.88   3782148.78       39.22547   (12093020)              402068.88
3782148.78       38.04817   (12090501)
        402088.88   3782148.78       37.60008   (12100219)              402108.88
3782148.78       37.01621   (12100219)
        402128.88   3782148.78       36.33135   (15043024)              402148.88
3782148.78       36.12357   (12080622)
        402168.88   3782148.78       35.85342   (16072221)              402188.88
3782148.78       35.34236   (15092101)
        402208.88   3782148.78       34.88159   (15090824)              402228.88
3782148.78       37.73096   (15090824)
        402248.88   3782148.78       38.98387   (12100119)              402268.88
3782148.78       39.02161   (12100119)
        402288.88   3782148.78       38.36932   (13031319)              402308.88
3782148.78       38.52773   (13090524)
        402328.88   3782148.78       38.06441   (12080922)              402348.88
3782148.78       37.68377   (12080922)
        402368.88   3782148.78       36.68461   (15101321)              402388.88
3782148.78       35.63584   (13082901)
        402408.88   3782148.78       34.18044   (12081723)              402428.88
3782148.78       32.73924   (12081723)
        402448.88   3782148.78       29.76417   (14091424)              402468.88
3782148.78       29.78670   (14091424)
        402488.88   3782148.78       31.54126   (15091021)              402508.88
3782148.78       32.03712   (12110518)
        401308.88   3782168.78       29.71868   (15092105)              401328.88
3782168.78       30.25177   (13090605)
        401348.88   3782168.78       31.14645   (13090605)              401368.88
3782168.78       31.77805   (13062904)
        401388.88   3782168.78       32.42737   (13090506)              401408.88
3782168.78       33.32024   (13090506)
        401428.88   3782168.78       34.33475   (15092402)              401448.88
3782168.78       35.09987   (13090403)
        401468.88   3782168.78       35.72126   (12081803)              401488.88
3782168.78       39.59343   (16062005)
        401508.88   3782168.78       42.02883   (13082701)              401528.88
3782168.78       42.68397   (12092323)
        401548.88   3782168.78       43.61899   (15080404)              401568.88
3782168.78       45.38056   (14100501)
        401588.88   3782168.78       45.80055   (15101402)              401608.88
3782168.78       46.46526   (12101424)
        401628.88   3782168.78       46.76543   (15093002)              401648.88
3782168.78       46.97466   (15102324)
        401668.88   3782168.78       46.57315   (12111623)              401688.88
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3782168.78     48.96032  (16081403)
        401708.88   3782168.78      49.41859  (15091906)                401728.88
3782168.78      49.28587  (15080504)
        401748.88   3782168.78      48.63456  (14091502)                401768.88
3782168.78      47.29890  (13082524)
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                         PAGE 319
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401788.88   3782168.78   45.34619 (14091503)   401808.88
3782168.78   47.13990 (15091302)
        401828.88   3782168.78   48.47450 (14091422)   401848.88
3782168.78   48.21691 (13090402)
        401868.88   3782168.78   47.76229 (13082624)   401888.88
3782168.78   46.38804 (12090223)
        401908.88   3782168.78   45.26012 (12101803)   401928.88
3782168.78   43.47020 (16072224)
        401948.88   3782168.78   41.00740 (16072224)   401968.88
3782168.78   41.35816 (13092320)
        401988.88   3782168.78   41.64067 (16062102)   402008.88
3782168.78   41.47339 (12093020)
        402028.88   3782168.78   40.53505 (12093020)   402048.88
3782168.78   39.55477 (12093020)
        402068.88   3782168.78   38.36549 (12090501)   402088.88
3782168.78   36.89649 (12100219)
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        402108.88    3782168.78        36.64637  (12100219)                402128.88
3782168.78       35.84446  (15043024)
        402148.88    3782168.78        34.84236  (12080622)                402168.88
3782168.78       35.21328  (16072221)
        402188.88    3782168.78        34.98124  (16072221)                402208.88
3782168.78       34.09743  (15092101)
        402228.88    3782168.78        35.89764  (15090824)                402248.88
3782168.78       37.18768  (15090824)
        402268.88    3782168.78        37.86923  (12100119)                402288.88
3782168.78       37.89461  (12100119)
        402308.88    3782168.78        37.54659  (13031319)                402328.88
3782168.78       37.56428  (13090524)
        402348.88    3782168.78        37.07454  (12080922)                402368.88
3782168.78       36.33967  (12080922)
        402388.88    3782168.78        34.97659  (13052822)                402408.88
3782168.78       34.24770  (13082901)
        402428.88    3782168.78        32.40989  (12081723)                402448.88
3782168.78       29.62447  (12081723)
        402468.88    3782168.78        28.85282  (12091820)                402488.88
3782168.78       30.92286  (14091424)
        402508.88    3782168.78        31.74443  (15091021)                401308.88
3782188.78       29.33530  (13090605)
        401328.88    3782188.78        30.57967  (13090605)                401348.88
3782188.78       31.00013  (16092906)
        401368.88    3782188.78        32.55830  (13090506)                401388.88
3782188.78       33.11324  (13090506)
        401408.88    3782188.78        33.52327  (15092402)                401428.88
3782188.78       34.56306  (13090403)
        401448.88    3782188.78        34.86535  (12081803)                401468.88
3782188.78       35.50732  (16062005)
        401488.88    3782188.78        37.09023  (13082701)                401508.88
3782188.78       40.82315  (12092323)
        401528.88    3782188.78        43.02161  (12092323)                401548.88
3782188.78       44.00705  (14100501)
        401568.88    3782188.78        45.44343  (15101402)                401588.88
3782188.78       45.65599  (12081906)
        401608.88    3782188.78        46.35194  (12101424)                401628.88
3782188.78       46.85913  (15102324)
        401648.88    3782188.78        46.91754  (16042224)                401668.88
3782188.78       47.02334  (15072705)
        401688.88    3782188.78        47.76729  (16081403)                401708.88
3782188.78       48.25926  (14100506)
        401728.88    3782188.78        47.81847  (15080504)                401748.88
3782188.78       47.68811  (14091502)
        401768.88    3782188.78        46.39283  (12100206)                401788.88
3782188.78       45.15269  (14091503)
        401808.88    3782188.78        45.78695  (12090123)                401828.88
3782188.78       46.98338  (14091422)
        401848.88    3782188.78        46.55962  (13090402)                401868.88
3782188.78       46.10685  (13082624)
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     401888.88   3782188.78      44.75062  (12090223)              401908.88
3782188.78      43.85442  (12101803)
     401928.88   3782188.78      42.51577  (16072224)              401948.88
3782188.78      40.48187  (16072224)
     401968.88   3782188.78      40.62646  (13092320)              401988.88
3782188.78      40.80094  (14072805)
     402008.88   3782188.78      40.59046  (12093020)              402028.88
3782188.78      40.05367  (12093020)
     402048.88   3782188.78      39.34645  (12093020)              402068.88
3782188.78      37.66618  (12090501)
     402088.88   3782188.78      36.24966  (12100219)              402108.88
3782188.78      36.62800  (12100219)
     402128.88   3782188.78      35.55939  (12100219)              402148.88
3782188.78      33.67772  (15043024)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                              PAGE 320
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                           ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

    X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
     402168.88   3782188.78   34.19056 (12080622)   402188.88
3782188.78   33.90755 (16072221)
     402208.88   3782188.78   33.32967 (15092101)   402228.88
3782188.78   34.21878 (12080921)
     402248.88   3782188.78   35.33420 (15090824)   402268.88
3782188.78   35.87411 (15090824)
     402288.88   3782188.78   36.44032 (12100119)   402308.88
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3782188.78        36.51588  (13062822)
        402328.88   3782188.78        36.37292  (13031319)                      402348.88
3782188.78        36.40940  (13090524)
        402368.88   3782188.78        35.79089  (12080922)                      402388.88
3782188.78        34.93452  (12080922)
        402408.88   3782188.78        33.58278  (13052822)                      402428.88
3782188.78        31.83582  (13082901)
        402448.88   3782188.78        30.01795  (13082901)                      402468.88
3782188.78        28.85459  (12081723)
        402488.88   3782188.78        30.49910  (12091820)                      402508.88
3782188.78        31.26996  (14091424)
        401308.88   3782208.78        29.49001  (13062904)                      401328.88
3782208.78        30.45790  (16092906)
        401348.88   3782208.78        32.05288  (13090506)                      401368.88
3782208.78        33.02103  (13090506)
        401388.88   3782208.78        34.31886  (15092402)                      401408.88
3782208.78        35.30259  (13090403)
        401428.88   3782208.78        35.69586  (12081803)                      401448.88
3782208.78        36.73488  (16062005)
        401468.88   3782208.78        36.91386  (13082701)                      401488.88
3782208.78        36.32620  (12092323)
        401508.88   3782208.78        39.01461  (12092323)                      401528.88
3782208.78        41.85306  (12092824)
        401548.88   3782208.78        43.75546  (15101402)                      401568.88
3782208.78        44.65602  (12081906)
        401588.88   3782208.78        45.16123  (12101424)                      401608.88
3782208.78        45.42127  (15093002)
        401628.88   3782208.78        45.85505  (15102324)                      401648.88
3782208.78        45.98816  (12111623)
        401668.88   3782208.78        46.19193  (16081403)                      401688.88
3782208.78        46.65527  (15091906)
        401708.88   3782208.78        46.82782  (14100506)                      401728.88
3782208.78        46.79285  (14091502)
        401748.88   3782208.78        46.14862  (13082524)                      401768.88
3782208.78        45.09189  (12100206)
        401788.88   3782208.78        44.35474  (14091503)                      401808.88
3782208.78        44.81991  (12091605)
        401828.88   3782208.78        45.52147  (14091422)                      401848.88
3782208.78        45.07884  (13090402)
        401868.88   3782208.78        44.59284  (13082624)                      401888.88
3782208.78        43.36121  (12090223)
        401908.88   3782208.78        42.53099  (12101803)                      401928.88
3782208.78        41.06498  (16072224)
        401948.88   3782208.78        39.64193  (16072224)                      401968.88
3782208.78        40.00673  (13092320)
        401988.88   3782208.78        39.91191  (14072805)                      402008.88
3782208.78        39.63777  (16062102)
        402028.88   3782208.78        39.16300  (12093020)                      402048.88
3782208.78        38.20876  (12093020)
        402068.88   3782208.78        36.56768  (12093020)                      402088.88
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3782208.78        36.33076  (12090501)
          402108.88   3782208.78        36.41516  (12100219)                 402128.88
3782208.78        34.58297  (12100219)
          402148.88   3782208.78        33.15051  (15043024)                 402168.88
3782208.78        32.76663  (12080622)
          402188.88   3782208.78        33.21986  (16072221)                 402208.88
3782208.78        32.69204  (16072221)
          402228.88   3782208.78        32.87473  (15092101)                 402248.88
3782208.78        33.55548  (12080921)
          402268.88   3782208.78        34.92100  (15090824)                 402288.88
3782208.78        35.43353  (12100119)
          402308.88   3782208.78        35.91132  (12100119)                 402328.88
3782208.78        35.61060  (13062822)
          402348.88   3782208.78        35.37006  (13031319)                 402368.88
3782208.78        35.18042  (13090524)
          402388.88   3782208.78        34.36959  (12080922)                 402408.88
3782208.78        33.24894  (12080922)
          402428.88   3782208.78        31.81145  (13052822)                 402448.88
3782208.78        29.80112  (15080505)
          402468.88   3782208.78        28.39592  (13082901)                 402488.88
3782208.78        29.86324  (12081723)
          402508.88   3782208.78        30.44783  (12091820)                 402116.08
3781609.34        158.38125  (12031616)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

                              PAGE 321
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                 *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)

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  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
       402111.58   3781631.84      204.15386  (12031616)           402072.78
3781724.63      266.97414  (12043018)
       402058.72   3781776.93      267.85224  (12121716)           402061.53
3781812.92      248.97805  (12121716)
       402065.47   3781834.86      196.96152  (12071919)           401913.06
3781829.79      243.80647  (12071919)
       401870.32   3781887.16      133.38484  (16020617)           401788.78
3781884.91      105.01963  (15022217)
       401791.03   3781611.59      122.86372  (12111715)
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♠ *** AERMOD - VERSION  19191 ***    *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***    ***
                      ***        05:36:20
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                           INCLUDING SOURCE(S):    L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
             L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
             L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
             L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .     ,

                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10    IN MICROGRAMS/M**3
             **

     X-COORD (M)  Y-COORD (M)      CONC    (YYMMDDHH)          X-COORD (M)
Y-COORD (M)      CONC    (YYMMDDHH)
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
       399067.96   3778941.97      0.49170  (15090920)           399349.76
3778941.97      0.47668  (15090920)
       399631.56   3778941.97      0.43207  (15090920)           399913.36
3778941.97      0.48202  (15100904)
       400195.16   3778941.97      0.46729  (15100904)           400476.96
3778941.97      0.52520  (16093007)
       400758.76   3778941.97      0.59835  (16093007)           401040.56
3778941.97      0.68796  (16093007)
       401322.36   3778941.97      0.79882  (16093007)           401604.16
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3778941.97        0.93932  (16093007)
    401885.96    3778941.97        1.12428  (16093007)              402167.76
3778941.97        1.52763  (12111715)
    402449.56    3778941.97        2.72465  (12111715)              402731.36
3778941.97        3.87944  (12021515)
    403013.16    3778941.97        3.92901  (12101116)              403294.96
3778941.97        3.03183  (12042618)
    403576.76    3778941.97        1.83091  (12042618)              403858.56
3778941.97        1.35325  (12120216)
    404140.36    3778941.97        0.93899  (16093007)              404422.16
3778941.97        0.80297  (12031616)
    404703.96    3778941.97        0.73880  (12031616)              399067.96
3779205.53        0.60069  (14080223)
    399349.76    3779205.53        0.56314  (15090920)              399631.56
3779205.53        0.52921  (15090920)
    399913.36    3779205.53        0.61046  (15090920)              400195.16
3779205.53        0.63337  (15090920)
    400476.96    3779205.53        0.62275  (15090920)              400758.76
3779205.53        0.65207  (16093007)
    401040.56    3779205.53        0.75919  (16093007)              401322.36
3779205.53        1.02524  (15090920)
    401604.16    3779205.53        1.08725  (16093007)              401885.96
3779205.53        1.35172  (16093007)
    402167.76    3779205.53        1.76428  (16093007)              402449.56
3779205.53        2.71141  (12111715)
    402731.36    3779205.53        7.41074  (12021515)              403013.16
3779205.53        7.99281  (12042618)
    403294.96    3779205.53        3.25509  (12042618)              403576.76
3779205.53        2.08914  (12031616)
    403858.56    3779205.53        1.55380  (12031616)              404140.36
3779205.53        1.17408  (12031616)
    404422.16    3779205.53        0.92905  (12031616)              404703.96
3779205.53        0.78847  (12031616)
    399067.96    3779469.09        0.73542  (15090805)              399349.76
3779469.09        0.65103  (14102423)
    399631.56    3779469.09        0.62080  (16092404)              399913.36
3779469.09        0.74126  (16092404)
    400195.16    3779469.09        0.77133  (16092404)              400476.96
3779469.09        0.77122  (16092404)
    400758.76    3779469.09        0.79091  (13051303)              401040.56
3779469.09        1.11836  (16092404)
    401322.36    3779469.09        1.21837  (16092404)              401604.16
3779469.09        1.33541  (13051303)
    401885.96    3779469.09        1.77110  (13051303)              402167.76
3779469.09        2.18545  (16093007)
    402449.56    3779469.09        3.46511  (16093007)              402731.36
3779469.09       11.16390  (12033117)
    403013.16    3779469.09       14.62634  (12120116)              403294.96
3779469.09        4.48353  (12120116)
    403576.76    3779469.09        2.55943  (12120116)              403858.56
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3779469.09       1.75393  (12120116)
      404140.36   3779469.09       1.31024  (12120116)            404422.16
3779469.09       1.02880  (12120116)
      404703.96   3779469.09       0.84113  (12120116)            399067.96
3779732.65       0.85281  (14091606)
      399349.76   3779732.65       0.80147  (12092324)            399631.56
3779732.65       0.80238  (16092003)
      399913.36   3779732.65       0.91142  (16092003)            400195.16
3779732.65       0.93958  (15063020)
      400476.96   3779732.65       0.94070  (15063020)            400758.76
3779732.65       1.64620  (16092003)
      401040.56   3779732.65       1.73927  (15063020)            401322.36
3779732.65       1.82742  (16062001)
      401604.16   3779732.65       2.18676  (13090705)            401885.96
3779732.65       2.81927  (12091404)
      402167.76   3779732.65       3.63597  (15090901)            402449.56
3779732.65       5.10345  (12071903)
      402731.36   3779732.65      10.39171  (12033117)            403013.16
3779732.65      17.67196  (12071919)
      403294.96   3779732.65       5.09241  (16093007)            403576.76
3779732.65       2.86819  (16093007)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                    ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                          INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
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       403858.56   3779732.65        1.93354  (16093007)         404140.36
3779732.65          1.41651  (16093007)
       404422.16   3779732.65        1.10639  (16093007)         404703.96
3779732.65          0.89157  (16093007)
       399067.96   3779996.21        0.96244  (15063020)         399349.76
3779996.21          0.94181  (15063020)
       399631.56   3779996.21        0.96411  (16062001)         399913.36
3779996.21          1.05750  (16062001)
       400195.16   3779996.21        1.12694  (15101202)         400476.96
3779996.21          1.27952  (13090705)
       400758.76   3779996.21        2.01415  (14091323)         401040.56
3779996.21          2.13467  (15092103)
       401322.36   3779996.21        2.38820  (15092106)         401604.16
3779996.21          2.89136  (15100821)
       401885.96   3779996.21        3.52099  (14090905)         402167.76
3779996.21          4.48747  (13083005)
       402449.56   3779996.21        6.22564  (16062005)         402731.36
3779996.21         11.48872  (14091502)
       403013.16   3779996.21       23.21130  (12071919)         403294.96
3779996.21          5.85533  (16093007)
       403576.76   3779996.21        3.24333  (16093007)         403858.56
3779996.21          2.14533  (16093007)
       404140.36   3779996.21        1.55441  (16093007)         404422.16
3779996.21          1.19286  (16093007)
       404703.96   3779996.21        0.95092  (16093007)         399067.96
3780259.77          1.05452  (16062001)
       399349.76   3780259.77        1.03392  (13090705)         399631.56
3780259.77          1.09485  (12091404)
       399913.36   3780259.77        1.18692  (12091404)         400195.16
3780259.77          1.37944  (15092106)
       400476.96   3780259.77        1.98461  (15092103)         400758.76
3780259.77          2.18485  (14091604)
       401040.56   3780259.77        2.41086  (15091204)         401322.36
3780259.77          2.74071  (15091105)
       401604.16   3780259.77        3.17035  (13090623)         401885.96
3780259.77          3.74862  (13090706)
       402167.76   3780259.77        4.72132  (13090605)         402449.56
3780259.77          6.77904  (15101402)
       402731.36   3780259.77       12.80121  (14091502)         403013.16
3780259.77         25.73404  (16093007)
       403294.96   3780259.77        6.69512  (12083119)         403576.76
3780259.77          3.51796  (16093007)
       403858.56   3780259.77        2.31176  (16093007)         404140.36
3780259.77          1.65803  (16093007)
       404422.16   3780259.77        1.26234  (16093007)         404703.96
3780259.77          0.99948  (16093007)
       399067.96   3780523.33        1.17572  (14091604)         399349.76
3780523.33          1.15095  (15092106)
       399631.56   3780523.33        1.16319  (15091204)         399913.36
3780523.33          1.33311  (13082604)
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        400195.16   3780523.33        1.72793  (15100821)                    400476.96
3780523.33        1.96419  (15100821)
        400758.76   3780523.33        2.20694  (15091204)                    401040.56
3780523.33        2.45445  (15100821)
        401322.36   3780523.33        2.75889  (15091105)                    401604.16
3780523.33        3.15419  (13090623)
        401885.96   3780523.33        3.72524  (13083005)                    402167.76
3780523.33        4.74152  (16062005)
        402449.56   3780523.33        6.78280  (15102324)                    402731.36
3780523.33       13.06283  (12100206)
        403013.16   3780523.33       32.57217  (16093007)                    403294.96
3780523.33        8.15505  (12100219)
        403576.76   3780523.33        4.01588  (12082121)                    403858.56
3780523.33        2.43268  (16093007)
        404140.36   3780523.33        1.72914  (16093007)                    404422.16
3780523.33        1.39867  (12031616)
        404703.96   3780523.33        1.40619  (12031616)                    399067.96
3780786.89        1.23868  (15091204)
        399349.76   3780786.89        1.26729  (15100821)                    399631.56
3780786.89        0.99705  (13092404)
        399913.36   3780786.89        1.43085  (14090905)                    400195.16
3780786.89        1.81035  (14090905)
        400476.96   3780786.89        2.04624  (15091105)                    400758.76
3780786.89        2.17498  (15092106)
        401040.56   3780786.89        2.40347  (15092106)                    401322.36
3780786.89        2.69942  (15092106)
        401604.16   3780786.89        3.11858  (15100821)                    401885.96
3780786.89        3.74690  (13090623)
        402167.76   3780786.89        4.79328  (16062005)                    402449.56
3780786.89        6.72299  (16081403)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                              PAGE 324
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS

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***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                        **


      X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)               X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         402731.36   3780786.89      12.91484  (14091503)               403013.16
3780786.89      43.26032  (16093007)
         403294.96   3780786.89       9.63529  (13080302)               403576.76
3780786.89       5.47132  (16072221)
         403858.56   3780786.89       3.25002  (12093019)               404140.36
3780786.89       2.19356  (12031616)
         404422.16   3780786.89       1.93050  (12031616)               404703.96
3780786.89       1.54791  (12031616)
         399067.96   3781050.45       1.32210  (15091105)               399349.76
3781050.45       1.38004  (15091501)
         399631.56   3781050.45       1.43288  (15070205)               399913.36
3781050.45       1.41585  (13090623)
         400195.16   3781050.45       1.89206  (13090623)               400476.96
3781050.45       2.01402  (15091105)
         400758.76   3781050.45       2.14147  (14091604)               401040.56
3781050.45       2.36257  (14091604)
         401322.36   3781050.45       2.68350  (14091604)               401604.16
3781050.45       3.17410  (15092106)
         401885.96   3781050.45       3.92517  (13090623)               402167.76
3781050.45       5.10752  (12101424)
         402449.56   3781050.45       7.11062  (14100506)               402731.36
3781050.45      12.84614  (14091503)
         403013.16   3781050.45      70.48219  (12121716)               403294.96
3781050.45      11.47696  (12090501)
         403576.76   3781050.45       6.53886  (12080622)               403858.56
3781050.45       4.09456  (15090824)
         404140.36   3781050.45       2.45258  (12092119)               404422.16
3781050.45       2.00438  (12120116)
         404703.96   3781050.45       2.02098  (12091319)               399067.96
3781314.01       1.39446  (14090905)
         399349.76   3781314.01       1.40543  (13090623)               399631.56
3781314.01       1.52375  (16091905)
         399913.36   3781314.01       1.76831  (13090623)               400195.16
3781314.01       1.78219  (15092106)
         400476.96   3781314.01       1.97400  (15091105)               400758.76
3781314.01       2.09487  (15092106)
         401040.56   3781314.01       2.28549  (15092103)               401322.36
3781314.01       2.62706  (15092103)
         401604.16   3781314.01       3.25434  (15091204)               401885.96
3781314.01       4.44434  (13090623)
         402167.76   3781314.01       6.58862  (15072705)               402449.56
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3781314.01         9.20651  (14102506)
        402731.36    3781314.01       14.49435  (12022708)              403013.16
3781314.01       106.62324  (12022708)
        403294.96    3781314.01       12.36585  (12090501)              403576.76
3781314.01         6.97777  (13101921)
        403858.56    3781314.01        4.73853  (15092101)              404140.36
3781314.01         2.85200  (15090824)
        404422.16    3781314.01        3.10165  (12080922)              404703.96
3781314.01         2.71366  (12081723)
        399067.96    3781577.57        1.37730  (13090623)              399349.76
3781577.57         1.38261  (13090706)
        399631.56    3781577.57        1.63534  (16100902)              399913.36
3781577.57         1.66230  (15100821)
        400195.16    3781577.57        1.73229  (15091204)              400476.96
3781577.57         1.87174  (15100821)
        400758.76    3781577.57        2.05806  (15100821)              401040.56
3781577.57         2.85056  (13100421)
        401322.36    3781577.57        4.09980  (13051303)              401604.16
3781577.57         3.62072  (12120215)
        401885.96    3781577.57        8.08800  (12120215)              402167.76
3781577.57        38.13576  (15120908)
        402449.56    3781577.57      116.32621  (12031616)              402731.36
3781577.57       120.88879  (12022708)
        403013.16    3781577.57      129.65618  (12120116)              403294.96
3781577.57        12.05594  (12093020)
        403576.76    3781577.57        6.74847  (16092519)              403858.56
3781577.57         4.20179  (15092101)
        404140.36    3781577.57        3.96433  (12100119)              404422.16
3781577.57         2.96670  (14091419)
        404703.96    3781577.57        2.68220  (14091419)              399067.96
3781841.13         1.38777  (13090706)
        399349.76    3781841.13        1.54133  (13090706)              399631.56
3781841.13         1.52069  (15100821)
        399913.36    3781841.13        1.62393  (15091501)              400195.16
3781841.13         1.67769  (15091204)
        400476.96    3781841.13        2.28426  (14100401)              400758.76
3781841.13         2.07176  (12033117)
        401040.56    3781841.13        5.42777  (14092424)              401322.36
3781841.13         7.22934  (14091604)
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 325
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                         INCLUDING SOURCE(S):   L0000894   , L0000895

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, L0000896    , L0000897    , L0000898     ,
                 L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906     ,
                 L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914     ,
                 L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    , . . .        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3
**

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     X-COORD (M)  Y-COORD (M)       CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)       CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - -
      401604.16   3781841.13       8.38309  (15100821)               402167.76
3781841.13        9.78054  (14091902)
      402449.56   3781841.13       9.68427  (13090605)               402731.36
3781841.13       13.03733  (15091302)
      403013.16   3781841.13      24.39085  (12090223)               403294.96
3781841.13        9.05026  (14080322)
      403576.76   3781841.13       6.59566  (13090420)               403858.56
3781841.13        4.66497  (16072221)
      404140.36   3781841.13       3.36469  (12071206)               404422.16
3781841.13        3.72222  (13083024)
      404703.96   3781841.13       2.59419  (15092020)               399067.96
3782104.69        1.42692  (13083005)
      399349.76   3782104.69       1.51506  (13090706)               399631.56
3782104.69        1.48534  (15091105)
      399913.36   3782104.69       2.14679  (12102906)               400195.16
3782104.69        3.22824  (15092106)
      400476.96   3782104.69       4.20305  (16092902)               400758.76
3782104.69        3.69808  (15090901)
      401040.56   3782104.69       5.72343  (15091501)               401322.36
3782104.69        6.14881  (13090623)
      401604.16   3782104.69       6.47828  (15092105)               401885.96
3782104.69        6.99561  (15102324)
      402167.76   3782104.69       6.54874  (14100506)               402449.56
3782104.69        7.46698  (14091502)
      402731.36   3782104.69      10.58550  (12091605)               403013.16
3782104.69       17.74362  (12090223)
      403294.96   3782104.69       9.50371  (16062102)               403576.76
3782104.69        5.04626  (12100219)
      403858.56   3782104.69       4.18612  (16072221)               404140.36
3782104.69        3.83962  (15063021)
      404422.16   3782104.69       3.57012  (13090420)               404703.96
3782104.69        3.27864  (12082822)
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     399067.96    3782368.25         1.45787  (13090603)              399349.76
3782368.25        1.48365  (13090706)
     399631.56    3782368.25         2.24272  (15090901)              399913.36
3782368.25        3.28898  (15100821)
     400195.16    3782368.25         3.76370  (15091105)              400476.96
3782368.25        4.09003  (15070205)
     400758.76    3782368.25         4.52212  (13090623)              401040.56
3782368.25        4.74939  (13083005)
     401322.36    3782368.25         4.99400  (13090605)              401604.16
3782368.25        5.36429  (12092824)
     401885.96    3782368.25         5.61020  (16100802)              402167.76
3782368.25        5.73484  (14091502)
     402449.56    3782368.25         6.91144  (12100206)              402731.36
3782368.25        9.57602  (12091605)
     403013.16    3782368.25        13.50536  (12100306)              403294.96
3782368.25        9.45539  (13012319)
     403576.76    3782368.25         5.23807  (12090501)              403858.56
3782368.25        3.69048  (16092519)
     404140.36    3782368.25         3.08475  (13082821)              404422.16
3782368.25        3.05677  (12083023)
     404703.96    3782368.25         2.91146  (13082920)              399067.96
3782631.81        1.43925  (12100202)
     399349.76    3782631.81         2.70189  (15091105)              399631.56
3782631.81        2.25243  (13082905)
     399913.36    3782631.81         3.17611  (15070205)              400195.16
3782631.81        3.40613  (16091905)
     400476.96    3782631.81         3.57991  (13090706)              400758.76
3782631.81        3.84911  (16100905)
     401040.56    3782631.81         4.23302  (13062904)              401322.36
3782631.81        4.41965  (13082701)
     401604.16    3782631.81         4.64077  (15102324)              401885.96
3782631.81        4.84188  (12020318)
     402167.76    3782631.81         5.33636  (14091502)              402449.56
3782631.81        6.38704  (16072404)
     402731.36    3782631.81         8.68377  (14091422)              403013.16
3782631.81       10.75481  (12100306)
     403294.96    3782631.81         8.59755  (13092320)              403576.76
3782631.81        5.44821  (12090501)
     403858.56    3782631.81         3.76994  (12100219)              404140.36
3782631.81        2.88435  (15080321)
     404422.16    3782631.81         2.52707  (13090620)              404703.96
3782631.81        2.47700  (15042820)
     399067.96    3782895.37         1.39932  (13090603)              399349.76
3782895.37        1.65766  (12101501)
     399631.56    3782895.37         2.72434  (16091905)              399913.36
3782895.37        3.15870  (13090706)
     400195.16    3782895.37         3.08949  (13083005)              400476.96
3782895.37        3.29310  (16110402)
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   *** AERMET - VERSION  16216 ***    ***
                        ***         05:36:20

                           PAGE 326
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                        *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK     ***
                             INCLUDING SOURCE(S):    L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
             L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
             L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
             L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   ,  . . .     ,


                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                          ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


     X-COORD (M)  Y-COORD (M)      CONC   (YYMMDDHH)          X-COORD (M)
 Y-COORD (M)      CONC   (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - -
       400758.76   3782895.37    3.61461  (13062904)          401040.56
3782895.37      3.78952  (16062005)
       401322.36   3782895.37    3.93194  (12081906)          401604.16
3782895.37      4.21067  (16081403)
       401885.96   3782895.37    4.36613  (12020318)          402167.76
3782895.37      4.98507  (14091502)
       402449.56   3782895.37    6.05711  (14091503)          402731.36
3782895.37      7.74402  (14091422)
       403013.16   3782895.37    8.82478  (12100306)          403294.96
3782895.37      7.87295  (13092320)
       403576.76   3782895.37    5.54400  (12093020)          403858.56
3782895.37      3.86269  (12100219)
       404140.36   3782895.37    2.97503  (16092519)          404422.16
3782895.37      2.40154  (16110917)
       404703.96   3782895.37    2.13247  (12091819)          399067.96
3783158.93      1.68014  (16110404)
       399349.76   3783158.93    2.71440  (15072504)          399631.56
3783158.93      2.57540  (15090806)
       399913.36   3783158.93    2.70847  (16100905)          400195.16
3783158.93      2.96469  (15092105)
       400476.96   3783158.93    3.15198  (16092906)          400758.76
3783158.93      3.30069  (12081803)
       401040.56   3783158.93    3.44997  (16100705)          401322.36
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3783158.93          3.61546  (12110603)
        401604.16   3783158.93         3.90494  (16100802)              401885.96
3783158.93          4.12791  (16031705)
        402167.76   3783158.93         4.66171  (13082524)              402449.56
3783158.93          5.72030  (15091302)
        402731.36   3783158.93         6.04145  (12120317)              403013.16
3783158.93          5.92075  (13111317)
        403294.96   3783158.93         6.98340  (15043023)              403576.76
3783158.93          5.40621  (16062102)
        403858.56   3783158.93         3.89758  (13100821)              404140.36
3783158.93          2.98094  (16092519)
        404422.16   3783158.93         2.37056  (16110917)              404703.96
3783158.93          1.90276  (15090824)
        399067.96   3783422.49         2.41895  (15090806)              399349.76
3783422.49          2.30337  (13090603)
        399631.56   3783422.49         2.47295  (12100202)              399913.36
3783422.49          2.63384  (14040903)
        400195.16   3783422.49         2.82292  (16092906)              400476.96
3783422.49          2.97024  (13090403)
        400758.76   3783422.49         3.11719  (16100705)              401040.56
3783422.49          3.23100  (12101424)
        401322.36   3783422.49         3.32198  (14103123)              401604.16
3783422.49          3.66142  (12020318)
        401885.96   3783422.49         3.97462  (16031705)              402167.76
3783422.49          4.40507  (12090303)
        402449.56   3783422.49         5.14881  (12090123)              402731.36
3783422.49          5.99423  (12091803)
        403013.16   3783422.49         4.82284  (13111317)              403294.96
3783422.49          6.28336  (16072224)
        403576.76   3783422.49         5.15017  (14072805)              403858.56
3783422.49          3.96593  (12090501)
        404140.36   3783422.49         3.06183  (12100219)              404422.16
3783422.49          2.00717  (16072221)
        404703.96   3783422.49         1.48213  (12100119)              399067.96
3783686.05          2.09876  (16100905)
        399349.76   3783686.05         2.25160  (16110402)              399631.56
3783686.05          2.42489  (13090605)
        399913.36   3783686.05         2.55347  (13090506)              400195.16
3783686.05          2.68064  (13090403)
        400476.96   3783686.05         2.79207  (16100705)              400758.76
3783686.05          2.92824  (15101402)
        401040.56   3783686.05         3.08320  (12110603)              401322.36
3783686.05          3.10119  (16081403)
        401604.16   3783686.05         3.07099  (16100802)              401885.96
3783686.05          3.06694  (14091502)
        402167.76   3783686.05         3.20544  (12100206)              402449.56
3783686.05          3.69447  (13012522)
        402731.36   3783686.05         3.64709  (13052820)              403013.16
3783686.05          3.11724  (12041020)
        403294.96   3783686.05         4.84611  (14091721)              403576.76
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3783686.05          4.77169   (13012319)
        403858.56   3783686.05         3.91329   (12093020)                 404140.36
3783686.05          3.10888   (12100219)
        404422.16   3783686.05         2.28562   (16092519)                 404703.96
3783686.05          1.36758   (14051819)
        399067.96   3783949.61         2.08191   (15092105)                 399349.76
3783949.61          2.20423   (13090605)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

                              PAGE 327

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
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        399631.56   3783949.61   2.32550   (13090506)   399913.36
3783949.61   2.44063   (13090403)
        400195.16   3783949.61   2.50376   (13082701)   400476.96
3783949.61   2.59901   (14100501)
        400758.76   3783949.61   2.71617   (12101424)   401040.56
3783949.61   2.96559   (14103123)
        401322.36   3783949.61   3.13055   (16100802)   401604.16
3783949.61   2.84305   (14100506)
        401885.96   3783949.61   2.30374   (13100823)   402167.76
3783949.61   2.32459   (16122317)
        402449.56   3783949.61   2.89582   (12110324)   402731.36
3783949.61   2.54298   (15100322)
        403013.16   3783949.61   4.36347   (13111317)   403294.96
3783949.61   4.65898   (13111917)

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    403576.76    3783949.61       4.50830  (16111501)           403858.56
3783949.61          3.75143  (14080322)
    404140.36    3783949.61       2.97894  (13100821)           404422.16
3783949.61          1.64982  (16052323)
    404703.96    3783949.61       1.34151  (14051719)           399067.96
3784213.17          2.02571  (13062904)
    399349.76    3784213.17       2.12535  (13090506)           399631.56
3784213.17          2.23894  (13090403)
    399913.36    3784213.17       2.34036  (13082701)           400195.16
3784213.17          2.07992  (15080404)
    400476.96    3784213.17       1.87720  (16092618)           400758.76
3784213.17          1.82099  (15103002)
    401040.56    3784213.17       2.64486  (15072705)           401322.36
3784213.17          3.04140  (13122803)
    401604.16    3784213.17       2.89459  (15080504)           401885.96
3784213.17          1.87474  (16122317)
    402167.76    3784213.17       1.13861  (13050621)           402449.56
3784213.17          1.87632  (16013018)
    402731.36    3784213.17       3.45326  (15061004)           403013.16
3784213.17          4.38441  (13111317)
    403294.96    3784213.17       4.53669  (12091821)           403576.76
3784213.17          3.99767  (15070805)
    403858.56    3784213.17       2.69451  (12101821)           404140.36
3784213.17          1.86921  (13050519)
    404422.16    3784213.17       1.20775  (12090921)           404703.96
3784213.17          1.38139  (15051219)
    401308.88    3781008.78       2.66876  (14091604)           401328.88
3781008.78          2.69836  (14091604)
    401348.88    3781008.78       2.72605  (14091604)           401368.88
3781008.78          2.75263  (14091604)
    401388.88    3781008.78       2.78711  (14091604)           401408.88
3781008.78          2.82352  (14091604)
    401428.88    3781008.78       2.85125  (14091604)           401448.88
3781008.78          2.88006  (14091604)
    401468.88    3781008.78       2.91516  (14091604)           401488.88
3781008.78          2.95052  (15092106)
    401508.88    3781008.78       2.98435  (15092106)           401528.88
3781008.78          3.02216  (15092106)
    401548.88    3781008.78       3.06066  (15092106)           401568.88
3781008.78          3.09775  (15092106)
    401588.88    3781008.78       3.13614  (15092106)           401608.88
3781008.78          3.17244  (15092106)
    401628.88    3781008.78       3.21103  (15092106)           401648.88
3781008.78          3.25229  (15092106)
    401668.88    3781008.78       3.29413  (15092106)           401688.88
3781008.78          3.33950  (15091204)
    401708.88    3781008.78       3.39549  (15100821)           401728.88
3781008.78          3.44847  (15100821)
    401748.88    3781008.78       3.50237  (15100821)           401768.88
3781008.78          3.55757  (15091105)
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        401788.88   3781008.78      3.61096  (15091105)              401808.88
3781008.78       3.66632  (15091105)
        401828.88   3781008.78      3.71754  (15091105)              401848.88
3781008.78       3.76938  (15091105)
        401868.88   3781008.78      3.83173  (13090623)              401888.88
3781008.78       3.89498  (13090623)
        401908.88   3781008.78      3.96062  (13090623)              401928.88
3781008.78       4.02794  (13090623)
        401948.88   3781008.78      4.09625  (13090623)              401968.88
3781008.78       4.16590  (13090623)
        401988.88   3781008.78      4.23579  (13090623)              402008.88
3781008.78       4.30598  (13090623)
        402028.88   3781008.78      4.40585  (13083005)              402048.88
3781008.78       4.47435  (13083005)
        402068.88   3781008.78      4.54949  (13083005)              402088.88
3781008.78       4.63737  (13083005)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                            INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
        402108.88   3781008.78   4.72276 (12101424)   402128.88
3781008.78   4.82589 (12101424)
        402148.88   3781008.78   4.93330 (12101424)   402168.88
3781008.78   5.05023 (12101424)
        402188.88   3781008.78   5.15164 (12101424)   402208.88
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3781008.78          5.25156  (15102324)
      402228.88   3781008.78          5.35051  (15102324)              402248.88
3781008.78          5.45673  (15102324)
      402268.88   3781008.78          5.57472  (15102324)              402288.88
3781008.78          5.69077  (15102324)
      402308.88   3781008.78          5.84368  (15072705)              402328.88
3781008.78          5.97689  (16081403)
      402348.88   3781008.78          6.13735  (16081403)              402368.88
3781008.78          6.28730  (16081403)
      402388.88   3781008.78          6.43562  (16081403)              402408.88
3781008.78          6.60981  (15091906)
      402428.88   3781008.78          6.78414  (15091906)              402448.88
3781008.78          6.97511  (14100506)
      402468.88   3781008.78          7.18825  (14100506)              402488.88
3781008.78          7.39837  (14100506)
      402508.88   3781008.78          7.65373  (15080504)              401308.88
3781028.78          2.66394  (14091604)
      401328.88   3781028.78          2.69594  (14091604)              401348.88
3781028.78          2.72114  (14091604)
      401368.88   3781028.78          2.75282  (14091604)              401388.88
3781028.78          2.78960  (14091604)
      401408.88   3781028.78          2.81038  (14091604)              401428.88
3781028.78          2.84709  (14091604)
      401448.88   3781028.78          2.88225  (14091604)              401468.88
3781028.78          2.91334  (14091604)
      401488.88   3781028.78          2.95198  (15092106)              401508.88
3781028.78          2.98978  (15092106)
      401528.88   3781028.78          3.02648  (15092106)              401548.88
3781028.78          3.06489  (15092106)
      401568.88   3781028.78          3.10296  (15092106)              401588.88
3781028.78          3.14248  (15092106)
      401608.88   3781028.78          3.18063  (15092106)              401628.88
3781028.78          3.21757  (15092106)
      401648.88   3781028.78          3.26002  (15092106)              401668.88
3781028.78          3.30344  (15092106)
      401688.88   3781028.78          3.35099  (15091204)              401708.88
3781028.78          3.40624  (15100821)
      401728.88   3781028.78          3.46021  (15100821)              401748.88
3781028.78          3.51444  (15100821)
      401768.88   3781028.78          3.57140  (15091105)              401788.88
3781028.78          3.62670  (15091105)
      401808.88   3781028.78          3.68260  (15091105)              401828.88
3781028.78          3.73447  (15091105)
      401848.88   3781028.78          3.78801  (15091105)              401868.88
3781028.78          3.85198  (13090623)
      401888.88   3781028.78          3.90865  (13090623)              401908.88
3781028.78          3.97900  (13090623)
      401928.88   3781028.78          4.04626  (13090623)              401948.88
3781028.78          4.11385  (13090623)
      401968.88   3781028.78          4.18660  (13090623)              401988.88
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3781028.78          4.26093  (13090623)
      402008.88   3781028.78          4.33519  (13090623)                  402028.88
3781028.78          4.42841  (13083005)
      402048.88   3781028.78          4.50447  (13083005)                  402068.88
3781028.78          4.58040  (13083005)
      402088.88   3781028.78          4.66505  (13083005)                  402108.88
3781028.78          4.77101  (12101424)
      402128.88   3781028.78          4.87227  (12101424)                  402148.88
3781028.78          4.97208  (12101424)
      402168.88   3781028.78          5.09057  (12101424)                  402188.88
3781028.78          5.18778  (12101424)
      402208.88   3781028.78          5.29409  (15102324)                  402228.88
3781028.78          5.38942  (15102324)
      402248.88   3781028.78          5.49558  (15102324)                  402268.88
3781028.78          5.61024  (15102324)
      402288.88   3781028.78          5.73937  (15072705)                  402308.88
3781028.78          5.89214  (15072705)
      402328.88   3781028.78          6.02613  (16081403)                  402348.88
3781028.78          6.18959  (16081403)
      402368.88   3781028.78          6.33438  (16081403)                  402388.88
3781028.78          6.48387  (15091906)
      402408.88   3781028.78          6.66011  (15091906)                  402428.88
3781028.78          6.83797  (15091906)
      402448.88   3781028.78          7.04174  (14100506)                  402468.88
3781028.78          7.24192  (14100506)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

```
     X-COORD (M)  Y-COORD (M)      CONC      (YYMMDDHH)              X-COORD (M)
Y-COORD (M)       CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
       402488.88  3781028.78     7.46150  (15080504)              402508.88
3781028.78        7.70113  (15080504)
       401308.88  3781048.78     2.66318  (14091604)              401328.88
3781048.78        2.69166  (14091604)
       401348.88  3781048.78     2.72144  (14091604)              401368.88
3781048.78        2.75378  (14091604)
       401388.88  3781048.78     2.78657  (14091604)              401408.88
3781048.78        2.81512  (14091604)
       401428.88  3781048.78     2.84675  (14091604)              401448.88
3781048.78        2.87963  (14091604)
       401468.88  3781048.78     2.91649  (14091604)              401488.88
3781048.78        2.95467  (15092106)
       401508.88  3781048.78     2.98559  (14091604)              401528.88
3781048.78        3.02655  (15092106)
       401548.88  3781048.78     3.06817  (15092106)              401568.88
3781048.78        3.10803  (15092106)
       401588.88  3781048.78     3.14767  (15092106)              401608.88
3781048.78        3.18276  (15092106)
       401628.88  3781048.78     3.21990  (15092106)              401648.88
3781048.78        3.26289  (15092106)
       401668.88  3781048.78     3.31058  (15092106)              401688.88
3781048.78        3.36415  (15100821)
       401708.88  3781048.78     3.41717  (15100821)              401728.88
3781048.78        3.47255  (15100821)
       401748.88  3781048.78     3.52885  (15100821)              401768.88
3781048.78        3.58601  (15091105)
       401788.88  3781048.78     3.64266  (15091105)              401808.88
3781048.78        3.70091  (15091105)
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3781048.78        3.80988  (15091105)
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3781048.78        3.93467  (13090623)
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3781048.78        4.07463  (13090623)
       401948.88  3781048.78     4.14485  (13090623)              401968.88
3781048.78        4.22315  (13090623)
       401988.88  3781048.78     4.29739  (13090623)              402008.88
3781048.78        4.37515  (13090623)
       402028.88  3781048.78     4.47816  (13083005)              402048.88
3781048.78        4.54430  (13083005)
       402068.88  3781048.78     4.62613  (13083005)              402088.88
3781048.78        4.70668  (12101424)
       402108.88  3781048.78     4.81758  (12101424)              402128.88
3781048.78        4.91280  (12101424)
       402148.88  3781048.78     5.01829  (12101424)              402168.88
3781048.78        5.10801  (12101424)
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      402188.88   3781048.78        5.22484  (15102324)                402208.88
3781048.78        5.34119  (15102324)
      402228.88   3781048.78        5.43694  (15102324)                402248.88
3781048.78        5.54379  (15102324)
      402268.88   3781048.78        5.65810  (12111623)                402288.88
3781048.78        5.79711  (15072705)
      402308.88   3781048.78        5.95126  (15072705)                402328.88
3781048.78        6.09948  (16081403)
      402348.88   3781048.78        6.24535  (16081403)                402368.88
3781048.78        6.39376  (16081403)
      402388.88   3781048.78        6.55231  (15091906)                402408.88
3781048.78        6.72362  (15091906)
      402428.88   3781048.78        6.89817  (15091906)                402448.88
3781048.78        7.09978  (14100506)
      402468.88   3781048.78        7.30567  (14100506)                402488.88
3781048.78        7.51974  (15080504)
      402508.88   3781048.78        7.75866  (15080504)                401308.88
3781068.78        2.65889  (14091604)
      401328.88   3781068.78        2.69121  (14091604)                401348.88
3781068.78        2.72019  (14091604)
      401368.88   3781068.78        2.75312  (14091604)                401388.88
3781068.78        2.78232  (14091604)
      401408.88   3781068.78        2.81297  (14091604)                401428.88
3781068.78        2.84234  (14091604)
      401448.88   3781068.78        2.88022  (14091604)                401468.88
3781068.78        2.91883  (14091604)
      401488.88   3781068.78        2.95254  (14091604)                401508.88
3781068.78        2.98911  (15092106)
      401528.88   3781068.78        3.02579  (15092106)                401548.88
3781068.78        3.07159  (15092106)
      401568.88   3781068.78        3.11117  (15092106)                401588.88
3781068.78        3.15215  (15092106)
      401608.88   3781068.78        3.18836  (15092106)                401628.88
3781068.78        3.22718  (15092106)
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,

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                   L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .       ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

       X-COORD (M)  Y-COORD (M)     CONC    (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         401648.88  3781068.78    3.26940 (15092106)             401668.88
3781068.78        3.31478 (15092106)
         401688.88  3781068.78    3.36907 (15091204)             401708.88
3781068.78        3.42896 (15100821)
         401728.88  3781068.78    3.48241 (15100821)             401748.88
3781068.78        3.54295 (15100821)
         401768.88  3781068.78    3.60224 (15091105)             401788.88
3781068.78        3.66045 (15091105)
         401808.88  3781068.78    3.71470 (15091105)             401828.88
3781068.78        3.77180 (15091105)
         401848.88  3781068.78    3.83012 (15091105)             401868.88
3781068.78        3.89362 (15091105)
         401888.88  3781068.78    3.95722 (13090623)             401908.88
3781068.78        4.03644 (13090623)
         401928.88  3781068.78    4.10595 (13090623)             401948.88
3781068.78        4.17383 (13090623)
         401968.88  3781068.78    4.24543 (13090623)             401988.88
3781068.78        4.32680 (13090623)
         402008.88  3781068.78    4.40330 (13090623)             402028.88
3781068.78        4.51397 (13083005)
         402048.88  3781068.78    4.57612 (13083005)             402068.88
3781068.78        4.65727 (13083005)
         402088.88  3781068.78    4.74940 (12101424)             402108.88
3781068.78        4.86243 (12101424)
         402128.88  3781068.78    4.95925 (12101424)             402148.88
3781068.78        5.06092 (12101424)
         402168.88  3781068.78    5.17432 (15102324)             402188.88
3781068.78        5.28675 (15102324)
         402208.88  3781068.78    5.39489 (15102324)             402228.88
3781068.78        5.49588 (15102324)
         402248.88  3781068.78    5.60426 (15102324)             402268.88
3781068.78        5.72904 (15072705)
         402288.88  3781068.78    5.86940 (15072705)             402308.88
3781068.78        6.01756 (16081403)
         402328.88  3781068.78    6.17033 (16081403)             402348.88
3781068.78        6.31481 (16081403)
         402368.88  3781068.78    6.45006 (15091906)             402388.88
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3781068.78         6.61026  (15091906)
        402408.88    3781068.78         6.77728  (15091906)                402428.88
3781068.78         6.95607  (14100506)
        402448.88    3781068.78         7.15805  (14100506)                402468.88
3781068.78         7.36607  (14100506)
        402488.88    3781068.78         7.59033  (15080504)                402508.88
3781068.78         7.81588  (15080504)
        401308.88    3781088.78         2.65172  (15092103)                401328.88
3781088.78         2.68791  (14091604)
        401348.88    3781088.78         2.71882  (14091604)                401368.88
3781088.78         2.75238  (14091604)
        401388.88    3781088.78         2.77878  (14091604)                401408.88
3781088.78         2.81358  (14091604)
        401428.88    3781088.78         2.84132  (14091604)                401448.88
3781088.78         2.88088  (14091604)
        401468.88    3781088.78         2.91931  (14091604)                401488.88
3781088.78         2.95233  (14091604)
        401508.88    3781088.78         2.99309  (15092106)                401528.88
3781088.78         3.03176  (15092106)
        401548.88    3781088.78         3.07459  (15092106)                401568.88
3781088.78         3.11394  (15092106)
        401588.88    3781088.78         3.15570  (15092106)                401608.88
3781088.78         3.19524  (15092106)
        401628.88    3781088.78         3.23829  (15092106)                401648.88
3781088.78         3.28228  (15092106)
        401668.88    3781088.78         3.32729  (15092106)                401688.88
3781088.78         3.37475  (15091204)
        401708.88    3781088.78         3.44265  (15100821)                401728.88
3781088.78         3.50114  (15100821)
        401748.88    3781088.78         3.55804  (15100821)                401768.88
3781088.78         3.61859  (15091105)
        401788.88    3781088.78         3.67818  (15091105)                401808.88
3781088.78         3.73534  (15091105)
        401828.88    3781088.78         3.79325  (15091105)                401848.88
3781088.78         3.85335  (15091105)
        401868.88    3781088.78         3.91791  (15091105)                401888.88
3781088.78         3.98493  (13090623)
        401908.88    3781088.78         4.06128  (13090623)                401928.88
3781088.78         4.13671  (13090623)
        401948.88    3781088.78         4.21394  (13090623)                401968.88
3781088.78         4.29584  (13090623)
        401988.88    3781088.78         4.37224  (13090623)                402008.88
3781088.78         4.45240  (13090623)
```

⏏ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 331
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK      ***
                               INCLUDING SOURCE(S):     L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   ,  . . .     ,


                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                          ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


      X-COORD (M)  Y-COORD (M)      CONC    (YYMMDDHH)           X-COORD (M)
Y-COORD (M)      CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
        402028.88  3781088.78     4.55444  (13083005)            402048.88
3781088.78      4.62189  (13083005)
        402068.88  3781088.78     4.69503  (12101424)            402088.88
3781088.78      4.80515  (12101424)
        402108.88  3781088.78     4.90813  (12101424)            402128.88
3781088.78      5.01221  (12101424)
        402148.88  3781088.78     5.11770  (12101424)            402168.88
3781088.78      5.24015  (15102324)
        402188.88  3781088.78     5.34905  (15102324)            402208.88
3781088.78      5.45292  (15102324)
        402228.88  3781088.78     5.55564  (15102324)            402248.88
3781088.78      5.66361  (12111623)
        402268.88  3781088.78     5.79966  (15072705)            402288.88
3781088.78      5.93488  (15072705)
        402308.88  3781088.78     6.08884  (16081403)            402328.88
3781088.78      6.23539  (16081403)
        402348.88  3781088.78     6.37898  (16081403)            402368.88
3781088.78      6.53270  (15091906)
        402388.88  3781088.78     6.68138  (15091906)            402408.88
3781088.78      6.84561  (15091906)
        402428.88  3781088.78     7.03090  (14100506)            402448.88
3781088.78      7.23843  (14100506)
        402468.88  3781088.78     7.44356  (15080504)            402488.88
3781088.78      7.66247  (15080504)
        402508.88  3781088.78     7.89394  (14091502)            401308.88
3781108.78      2.64811  (15092103)
        401328.88  3781108.78     2.67945  (14091604)            401348.88
3781108.78      2.71510  (14091604)
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       401368.88   3781108.78        2.74965  (14091604)              401388.88
3781108.78        2.77519  (14091604)
       401408.88   3781108.78        2.81124  (14091604)              401428.88
3781108.78        2.84174  (14091604)
       401448.88   3781108.78        2.88166  (14091604)              401468.88
3781108.78        2.91763  (14091604)
       401488.88   3781108.78        2.95018  (14091604)              401508.88
3781108.78        2.99341  (15092106)
       401528.88   3781108.78        3.03286  (15092106)              401548.88
3781108.78        3.07837  (15092106)
       401568.88   3781108.78        3.11755  (15092106)              401588.88
3781108.78        3.15986  (15092106)
       401608.88   3781108.78        3.20219  (15092106)              401628.88
3781108.78        3.24517  (15092106)
       401648.88   3781108.78        3.28922  (15092106)              401668.88
3781108.78        3.33406  (15092106)
       401688.88   3781108.78        3.38292  (15092106)              401708.88
3781108.78        3.45624  (15100821)
       401728.88   3781108.78        3.51309  (15100821)              401748.88
3781108.78        3.57328  (15100821)
       401768.88   3781108.78        3.63412  (15091105)              401788.88
3781108.78        3.69415  (15091105)
       401808.88   3781108.78        3.75227  (15091105)              401828.88
3781108.78        3.81453  (15091105)
       401848.88   3781108.78        3.87702  (15091105)              401868.88
3781108.78        3.94381  (15091105)
       401888.88   3781108.78        4.00942  (13090623)              401908.88
3781108.78        4.09144  (13090623)
       401928.88   3781108.78        4.16688  (13090623)              401948.88
3781108.78        4.24669  (13090623)
       401968.88   3781108.78        4.33509  (13090623)              401988.88
3781108.78        4.42528  (13090623)
       402008.88   3781108.78        4.49958  (13090623)              402028.88
3781108.78        4.60072  (13083005)
       402048.88   3781108.78        4.66297  (13083005)              402068.88
3781108.78        4.75326  (12101424)
       402088.88   3781108.78        4.86052  (12101424)              402108.88
3781108.78        4.96403  (12101424)
       402128.88   3781108.78        5.06427  (12101424)              402148.88
3781108.78        5.16986  (15102324)
       402168.88   3781108.78        5.30168  (15102324)              402188.88
3781108.78        5.40407  (15102324)
       402208.88   3781108.78        5.51508  (15102324)              402228.88
3781108.78        5.61919  (15102324)
       402248.88   3781108.78        5.74201  (15072705)              402268.88
3781108.78        5.88090  (15072705)
       402288.88   3781108.78        6.01957  (16081403)              402308.88
3781108.78        6.17088  (16081403)
       402328.88   3781108.78        6.30964  (16081403)              402348.88
3781108.78        6.44988  (16081403)
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        402368.88   3781108.78      6.60036  (15091906)              402388.88
3781108.78       6.75453  (15091906)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402408.88   3781108.78   6.92663 (14100506)   402428.88
3781108.78   7.12297 (14100506)
        402448.88   3781108.78   7.30253 (14100506)   402468.88
3781108.78   7.52650 (15080504)
        402488.88   3781108.78   7.74215 (15080504)   402508.88
3781108.78   7.98532 (14091502)
        401308.88   3781128.78   2.64541 (15092103)   401328.88
3781128.78   2.67653 (14091604)
        401348.88   3781128.78   2.71095 (14091604)   401368.88
3781128.78   2.74697 (14091604)
        401388.88   3781128.78   2.77286 (14091604)   401408.88
3781128.78   2.80456 (14091604)
        401428.88   3781128.78   2.83857 (14091604)   401448.88
3781128.78   2.88049 (14091604)
        401468.88   3781128.78   2.91716 (14091604)   401488.88
3781128.78   2.95057 (14091604)
        401508.88   3781128.78   2.99074 (14091604)   401528.88
3781128.78   3.03047 (15092106)
        401548.88   3781128.78   3.08171 (15092106)   401568.88
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3781128.78        3.12129  (15092106)
        401588.88    3781128.78        3.16583  (15092106)                401608.88
3781128.78        3.20833  (15092106)
        401628.88    3781128.78        3.25287  (15092106)                401648.88
3781128.78        3.29765  (15092106)
        401668.88    3781128.78        3.34979  (15091204)                401688.88
3781128.78        3.40399  (15100821)
        401708.88    3781128.78        3.46767  (15100821)                401728.88
3781128.78        3.52603  (15100821)
        401748.88    3781128.78        3.58646  (15100821)                401768.88
3781128.78        3.64846  (15100821)
        401788.88    3781128.78        3.70750  (15091105)                401808.88
3781128.78        3.77208  (15091105)
        401828.88    3781128.78        3.83689  (15091105)                401848.88
3781128.78        3.89928  (15091105)
        401868.88    3781128.78        3.97066  (15091105)                401888.88
3781128.78        4.03865  (13090623)
        401908.88    3781128.78        4.11861  (13090623)                401928.88
3781128.78        4.20363  (13090623)
        401948.88    3781128.78        4.28669  (13090623)                401968.88
3781128.78        4.38023  (13090623)
        401988.88    3781128.78        4.46198  (13090623)                402008.88
3781128.78        4.55222  (13083005)
        402028.88    3781128.78        4.63662  (13083005)                402048.88
3781128.78        4.72283  (13083005)
        402068.88    3781128.78        4.81092  (12101424)                402088.88
3781128.78        4.91903  (12101424)
        402108.88    3781128.78        5.02623  (12101424)                402128.88
3781128.78        5.13331  (15102324)
        402148.88    3781128.78        5.25479  (15102324)                402168.88
3781128.78        5.36494  (15102324)
        402188.88    3781128.78        5.47357  (15102324)                402208.88
3781128.78        5.58414  (15102324)
        402228.88    3781128.78        5.69313  (12111623)                402248.88
3781128.78        5.83114  (15072705)
        402268.88    3781128.78        5.96730  (15072705)                402288.88
3781128.78        6.11334  (16081403)
        402308.88    3781128.78        6.25917  (16081403)                402328.88
3781128.78        6.39077  (16081403)
        402348.88    3781128.78        6.53849  (15091906)                402368.88
3781128.78        6.70077  (15091906)
        402388.88    3781128.78        6.85995  (15091906)                402408.88
3781128.78        7.02606  (14100506)
        402428.88    3781128.78        7.21987  (14100506)                402448.88
3781128.78        7.39671  (14100506)
        402468.88    3781128.78        7.61430  (15080504)                402488.88
3781128.78        7.82835  (15080504)
        402508.88    3781128.78        8.08554  (14091502)                401308.88
3781148.78        2.64167  (15092103)
        401328.88    3781148.78        2.66944  (15092103)                401348.88
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```
      3781148.78        2.69946  (15092103)
          401368.88    3781148.78        2.74350  (14091604)                401388.88
3781148.78        2.77733  (14091604)
          401408.88    3781148.78        2.80415  (14091604)                401428.88
3781148.78        2.83957  (14091604)
          401448.88    3781148.78        2.87957  (14091604)                401468.88
3781148.78        2.91734  (14091604)
          401488.88    3781148.78        2.94846  (14091604)                401508.88
3781148.78        2.99221  (14091604)
          401528.88    3781148.78        3.03648  (15092106)                401548.88
3781148.78        3.08514  (15092106)
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 333

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                 *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                 INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
           L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
           L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
           L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
          401568.88   3781148.78   3.12597 (15092106)   401588.88
3781148.78   3.16943 (15092106)
          401608.88   3781148.78   3.21398 (15092106)   401628.88
3781148.78   3.25945 (15091204)
          401648.88   3781148.78   3.31059 (15091204)   401668.88
3781148.78   3.36463 (15091204)
          401688.88   3781148.78   3.42383 (15100821)   401708.88
3781148.78   3.48315 (15100821)
          401728.88   3781148.78   3.54365 (15100821)   401748.88
3781148.78   3.60423 (15100821)

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      401768.88    3781148.78        3.66578  (15091105)              401788.88
3781148.78        3.72833  (15091105)
      401808.88    3781148.78        3.79431  (15091105)              401828.88
3781148.78        3.86103  (15091105)
      401848.88    3781148.78        3.92870  (15091105)              401868.88
3781148.78        3.99958  (15091105)
      401888.88    3781148.78        4.07990  (13090623)              401908.88
3781148.78        4.16447  (13090623)
      401928.88    3781148.78        4.24919  (13090623)              401948.88
3781148.78        4.33713  (13090623)
      401968.88    3781148.78        4.42868  (13090623)              401988.88
3781148.78        4.51205  (13090623)
      402008.88    3781148.78        4.60116  (13083005)              402028.88
3781148.78        4.68922  (13083005)
      402048.88    3781148.78        4.78452  (13083005)              402068.88
3781148.78        4.88035  (12101424)
      402088.88    3781148.78        4.98656  (12101424)              402108.88
3781148.78        5.09204  (12101424)
      402128.88    3781148.78        5.20843  (15102324)              402148.88
3781148.78        5.32648  (15102324)
      402168.88    3781148.78        5.44099  (15102324)              402188.88
3781148.78        5.55510  (15102324)
      402208.88    3781148.78        5.66906  (15102324)              402228.88
3781148.78        5.79562  (15072705)
      402248.88    3781148.78        5.93538  (15072705)              402268.88
3781148.78        6.07438  (16081403)
      402288.88    3781148.78        6.21982  (16081403)              402308.88
3781148.78        6.36133  (16081403)
      402328.88    3781148.78        6.49922  (16081403)              402348.88
3781148.78        6.65452  (15091906)
      402368.88    3781148.78        6.81351  (15091906)              402388.88
3781148.78        6.97091  (15091906)
      402408.88    3781148.78        7.15060  (14100506)              402428.88
3781148.78        7.33226  (14100506)
      402448.88    3781148.78        7.52017  (15080504)              402468.88
3781148.78        7.72355  (15080504)
      402488.88    3781148.78        7.93970  (14091502)              402508.88
3781148.78        8.20977  (14091502)
      401308.88    3781168.78        2.63975  (15092103)              401328.88
3781168.78        2.66843  (15092103)
      401348.88    3781168.78        2.69827  (14091604)              401368.88
3781168.78        2.74036  (14091604)
      401388.88    3781168.78        2.76941  (14091604)              401408.88
3781168.78        2.80145  (14091604)
      401428.88    3781168.78        2.83758  (14091604)              401448.88
3781168.78        2.87948  (14091604)
      401468.88    3781168.78        2.91660  (14091604)              401488.88
3781168.78        2.95171  (14091604)
      401508.88    3781168.78        2.99470  (14091604)              401528.88
3781168.78        3.03583  (15092106)
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      401548.88   3781168.78       3.08850  (15092106)              401568.88
3781168.78       3.12791  (15092106)
      401588.88   3781168.78       3.17152  (15092106)              401608.88
3781168.78       3.21694  (15092106)
      401628.88   3781168.78       3.26568  (15092106)              401648.88
3781168.78       3.31311  (15091204)
      401668.88   3781168.78       3.37307  (15091204)              401688.88
3781168.78       3.43544  (15100821)
      401708.88   3781168.78       3.49540  (15100821)              401728.88
3781168.78       3.55964  (15100821)
      401748.88   3781168.78       3.61907  (15100821)              401768.88
3781168.78       3.68230  (15100821)
      401788.88   3781168.78       3.74711  (15091105)              401808.88
3781168.78       3.81370  (15091105)
      401828.88   3781168.78       3.88434  (15091105)              401848.88
3781168.78       3.95132  (15091105)
      401868.88   3781168.78       4.03258  (13090623)              401888.88
3781168.78       4.10075  (13090623)
      401908.88   3781168.78       4.19187  (13090623)              401928.88
3781168.78       4.28716  (13090623)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 334
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                             INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
 -
      401948.88   3781168.78   4.37550 (13090623)   401968.88
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3781168.78          4.46730  (13090623)
        401988.88    3781168.78          4.55980  (13090623)              402008.88
3781168.78          4.65399  (13090623)
        402028.88    3781168.78          4.74483  (13083005)              402048.88
3781168.78          4.84068  (12101424)
        402068.88    3781168.78          4.94474  (12101424)              402088.88
3781168.78          5.05330  (12101424)
        402108.88    3781168.78          5.16436  (15102324)              402128.88
3781168.78          5.28901  (15102324)
        402148.88    3781168.78          5.40777  (15102324)              402168.88
3781168.78          5.52339  (15102324)
        402188.88    3781168.78          5.64063  (15102324)              402208.88
3781168.78          5.75866  (15102324)
        402228.88    3781168.78          5.89374  (15072705)              402248.88
3781168.78          6.03246  (15072705)
        402268.88    3781168.78          6.17516  (16081403)              402288.88
3781168.78          6.31754  (16081403)
        402308.88    3781168.78          6.46856  (16081403)              402328.88
3781168.78          6.60217  (15091906)
        402348.88    3781168.78          6.75845  (15091906)              402368.88
3781168.78          6.91659  (15091906)
        402388.88    3781168.78          7.07590  (14100506)              402408.88
3781168.78          7.25674  (14100506)
        402428.88    3781168.78          7.43536  (14100506)              402448.88
3781168.78          7.63101  (15080504)
        402468.88    3781168.78          7.82289  (15080504)              402488.88
3781168.78          8.07493  (14091502)
        402508.88    3781168.78          8.32117  (14091502)              401308.88
3781188.78          2.63609  (15092103)
        401328.88    3781188.78          2.66537  (15092103)              401348.88
3781188.78          2.69638  (14091604)
        401368.88    3781188.78          2.73703  (14091604)              401388.88
3781188.78          2.76738  (14091604)
        401408.88    3781188.78          2.80004  (14091604)              401428.88
3781188.78          2.83525  (14091604)
        401448.88    3781188.78          2.87685  (14091604)              401468.88
3781188.78          2.91681  (14091604)
        401488.88    3781188.78          2.95305  (14091604)              401508.88
3781188.78          2.99620  (14091604)
        401528.88    3781188.78          3.03707  (15092106)              401548.88
3781188.78          3.09174  (15092106)
        401568.88    3781188.78          3.13226  (15092106)              401588.88
3781188.78          3.17717  (15092106)
        401608.88    3781188.78          3.22405  (15092106)              401628.88
3781188.78          3.27158  (15092106)
        401648.88    3781188.78          3.32472  (15091204)              401668.88
3781188.78          3.38698  (15100821)
        401688.88    3781188.78          3.44835  (15100821)              401708.88
3781188.78          3.51171  (15100821)
        401728.88    3781188.78          3.57529  (15100821)              401748.88
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3781188.78        3.63726  (15100821)
       401768.88    3781188.78        3.70309  (15091105)              401788.88
3781188.78        3.77028  (15091105)
       401808.88    3781188.78        3.84225  (15091105)              401828.88
3781188.78        3.91390  (15091105)
       401848.88    3781188.78        3.98447  (15091105)              401868.88
3781188.78        4.06653  (13090623)
       401888.88    3781188.78        4.14147  (13090623)              401908.88
3781188.78        4.23060  (13090623)
       401928.88    3781188.78        4.33447  (13090623)              401948.88
3781188.78        4.42744  (13090623)
       401968.88    3781188.78        4.52334  (13090623)              401988.88
3781188.78        4.61763  (13090623)
       402008.88    3781188.78        4.72267  (13083005)              402028.88
3781188.78        4.81103  (13083005)
       402048.88    3781188.78        4.90851  (12101424)              402068.88
3781188.78        5.01528  (12101424)
       402088.88    3781188.78        5.13116  (15102324)              402108.88
3781188.78        5.25393  (15102324)
       402128.88    3781188.78        5.38117  (15102324)              402148.88
3781188.78        5.50493  (15102324)
       402168.88    3781188.78        5.62698  (15102324)              402188.88
3781188.78        5.73865  (15102324)
       402208.88    3781188.78        5.86987  (15072705)              402228.88
3781188.78        6.00951  (15072705)
       402248.88    3781188.78        6.14913  (16081403)              402268.88
3781188.78        6.29285  (16081403)
       402288.88    3781188.78        6.44250  (16081403)              402308.88
3781188.78        6.58752  (16081403)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                       PAGE 335
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                             INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                          **


       X-COORD (M)  Y-COORD (M)     CONC    (YYMMDDHH)             X-COORD (M)
  Y-COORD (M)      CONC    (YYMMDDHH)
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         402328.88   3781188.78     6.72663  (15091906)             402348.88
3781188.78       6.88249  (15091906)
         402368.88   3781188.78     7.03901  (15091906)             402388.88
3781188.78       7.21102  (14100506)
         402408.88   3781188.78     7.39152  (14100506)             402428.88
3781188.78       7.57377  (14100506)
         402448.88   3781188.78     7.76579  (15080504)             402468.88
3781188.78       7.95674  (15080504)
         402488.88   3781188.78     8.21808  (14091502)             402508.88
3781188.78       8.46678  (14091502)
         401308.88   3781208.78     2.63058  (15092103)             401328.88
3781208.78       2.66109  (15092103)
         401348.88   3781208.78     2.69140  (14091604)             401368.88
3781208.78       2.73299  (14091604)
         401388.88   3781208.78     2.76486  (14091604)             401408.88
3781208.78       2.79899  (14091604)
         401428.88   3781208.78     2.83493  (14091604)             401448.88
3781208.78       2.87497  (14091604)
         401468.88   3781208.78     2.91430  (14091604)             401488.88
3781208.78       2.95416  (14091604)
         401508.88   3781208.78     2.99699  (14091604)             401528.88
3781208.78       3.04026  (15092106)
         401548.88   3781208.78     3.09447  (15092106)             401568.88
3781208.78       3.13748  (15092106)
         401588.88   3781208.78     3.18296  (15092106)             401608.88
3781208.78       3.22862  (15092106)
         401628.88   3781208.78     3.27899  (15092106)             401648.88
3781208.78       3.33764  (15091204)
         401668.88   3781208.78     3.39981  (15100821)             401688.88
3781208.78       3.46441  (15100821)
         401708.88   3781208.78     3.52752  (15100821)             401728.88
3781208.78       3.59078  (15100821)
         401748.88   3781208.78     3.65395  (15100821)             401768.88
3781208.78       3.72398  (15091105)
         401788.88   3781208.78     3.79418  (15091105)             401808.88
3781208.78       3.86491  (15091105)
         401828.88   3781208.78     3.94281  (15091105)             401848.88
3781208.78       4.01889  (15091105)
         401868.88   3781208.78     4.10496  (13090623)             401888.88
3781208.78       4.19264  (13090623)
         401908.88   3781208.78     4.27945  (13090623)             401928.88
3781208.78       4.38054  (13090623)
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      401948.88   3781208.78        4.47936  (13090623)                    401968.88
3781208.78        4.57692  (13090623)
      401988.88   3781208.78        4.68360  (13090623)                    402008.88
3781208.78        4.79760  (13083005)
      402028.88   3781208.78        4.87978  (12101424)                    402048.88
3781208.78        4.98653  (12101424)
      402068.88   3781208.78        5.09741  (12101424)                    402088.88
3781208.78        5.22541  (15102324)
      402108.88   3781208.78        5.35137  (15102324)                    402128.88
3781208.78        5.47784  (15102324)
      402148.88   3781208.78        5.60493  (15102324)                    402168.88
3781208.78        5.72364  (15102324)
      402188.88   3781208.78        5.84679  (12111623)                    402208.88
3781208.78        5.99384  (15072705)
      402228.88   3781208.78        6.13678  (15072705)                    402248.88
3781208.78        6.28425  (16081403)
      402268.88   3781208.78        6.43059  (16081403)                    402288.88
3781208.78        6.57469  (16081403)
      402308.88   3781208.78        6.72021  (16081403)                    402328.88
3781208.78        6.87402  (15091906)
      402348.88   3781208.78        7.02483  (15091906)                    402368.88
3781208.78        7.17689  (14100506)
      402388.88   3781208.78        7.35728  (14100506)                    402408.88
3781208.78        7.53490  (14100506)
      402428.88   3781208.78        7.72057  (15080504)                    402448.88
3781208.78        7.91520  (15080504)
      402468.88   3781208.78        8.11199  (14091502)                    402488.88
3781208.78        8.37769  (14091502)
      402508.88   3781208.78        8.62866  (14091502)                    401308.88
3781228.78        2.62597  (15092103)
      401328.88   3781228.78        2.65687  (15092103)                    401348.88
3781228.78        2.68759  (15092103)
      401368.88   3781228.78        2.72720  (14091604)                    401388.88
3781228.78        2.75966  (14091604)
      401408.88   3781228.78        2.79379  (14091604)                    401428.88
3781228.78        2.83049  (14091604)
      401448.88   3781228.78        2.87280  (14091604)                    401468.88
3781228.78        2.91454  (14091604)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                         INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,

```
                   L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                   L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                   L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    , . . .        ,
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                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
 -
        401488.88   3781228.78   2.95404 (14091604)   401508.88
3781228.78   2.99759 (14091604)
        401528.88   3781228.78   3.04148 (15092106)   401548.88
3781228.78   3.09720 (15092106)
        401568.88   3781228.78   3.14320 (15092106)   401588.88
3781228.78   3.18847 (15092106)
        401608.88   3781228.78   3.23604 (15092106)   401628.88
3781228.78   3.28762 (15091204)
        401648.88   3781228.78   3.34712 (15091204)   401668.88
3781228.78   3.41116 (15100821)
        401688.88   3781228.78   3.47925 (15100821)   401708.88
3781228.78   3.54131 (15100821)
        401728.88   3781228.78   3.60516 (15100821)   401748.88
3781228.78   3.67507 (15100821)
        401768.88   3781228.78   3.74662 (15091105)   401788.88
3781228.78   3.81790 (15091105)
        401808.88   3781228.78   3.89712 (15091105)   401828.88
3781228.78   3.97346 (15091105)
        401848.88   3781228.78   4.05349 (15091105)   401868.88
3781228.78   4.14709 (13090623)
        401888.88   3781228.78   4.24118 (13090623)   401908.88
3781228.78   4.33474 (13090623)
        401928.88   3781228.78   4.43028 (13090623)   401948.88
3781228.78   4.53542 (13090623)
        401968.88   3781228.78   4.64363 (13090623)   401988.88
3781228.78   4.75276 (13090623)
        402008.88   3781228.78   4.86793 (13083005)   402028.88
3781228.78   4.96453 (13083005)
        402048.88   3781228.78   5.07465 (12101424)   402068.88
3781228.78   5.19497 (15102324)
        402088.88   3781228.78   5.32676 (15102324)   402108.88
3781228.78   5.45477 (15102324)
        402128.88   3781228.78   5.58817 (15102324)   402148.88

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3781228.78          5.71711  (15102324)
        402168.88    3781228.78          5.84179  (15102324)                402188.88
3781228.78          5.98150  (15072705)
        402208.88    3781228.78          6.13262  (15072705)                402228.88
3781228.78          6.28010  (16081403)
        402248.88    3781228.78          6.43317  (16081403)                402268.88
3781228.78          6.58113  (16081403)
        402288.88    3781228.78          6.72793  (16081403)                402308.88
3781228.78          6.87977  (15091906)
        402328.88    3781228.78          7.03565  (15091906)                402348.88
3781228.78          7.18638  (15091906)
        402368.88    3781228.78          7.34874  (14100506)                402388.88
3781228.78          7.52970  (14100506)
        402408.88    3781228.78          7.70332  (14100506)                402428.88
3781228.78          7.88232  (15080504)
        402448.88    3781228.78          8.07543  (15080504)                402468.88
3781228.78          8.28702  (14091502)
        402488.88    3781228.78          8.55126  (14091502)                402508.88
3781228.78          8.80606  (14091502)
        401308.88    3781248.78          2.62191  (15092103)                401328.88
3781248.78          2.65263  (15092103)
        401348.88    3781248.78          2.68525  (14091604)                401368.88
3781248.78          2.72026  (14091604)
        401388.88    3781248.78          2.75404  (14091604)                401408.88
3781248.78          2.79032  (14091604)
        401428.88    3781248.78          2.83048  (14091604)                401448.88
3781248.78          2.87072  (14091604)
        401468.88    3781248.78          2.91275  (14091604)                401488.88
3781248.78          2.95521  (14091604)
        401508.88    3781248.78          3.00022  (15092106)                401528.88
3781248.78          3.04602  (15092106)
        401548.88    3781248.78          3.09935  (15092106)                401568.88
3781248.78          3.14229  (15092106)
        401588.88    3781248.78          3.19128  (15092106)                401608.88
3781248.78          3.24168  (15092106)
        401628.88    3781248.78          3.29698  (15091204)                401648.88
3781248.78          3.35797  (15091204)
        401668.88    3781248.78          3.42420  (15100821)                401688.88
3781248.78          3.49081  (15100821)
        401708.88    3781248.78          3.55679  (15100821)                401728.88
3781248.78          3.62543  (15100821)
        401748.88    3781248.78          3.69298  (15100821)                401768.88
3781248.78          3.76990  (15091105)
        401788.88    3781248.78          3.84482  (15091105)                401808.88
3781248.78          3.92334  (15091105)
        401828.88    3781248.78          4.00711  (15091105)                401848.88
3781248.78          4.09011  (15091105)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***

```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK      ***
                              INCLUDING SOURCE(S):    L0000894    , L0000895
, L0000896    , L0000897    , L0000898     ,
              L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906     ,
              L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914     ,
              L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .       ,


                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


     X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)       CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
       401868.88   3781248.78      4.19093 (13090623)              401888.88
3781248.78       4.28337 (13090623)
       401908.88   3781248.78      4.38215 (13090623)              401928.88
3781248.78       4.48661 (13090623)
       401948.88   3781248.78      4.60338 (13090623)              401968.88
3781248.78       4.71570 (13090623)
       401988.88   3781248.78      4.82230 (13090623)              402008.88
3781248.78       4.94123 (13083005)
       402028.88   3781248.78      5.05036 (12101424)              402048.88
3781248.78       5.16998 (12101424)
       402068.88   3781248.78      5.30477 (15102324)              402088.88
3781248.78       5.44087 (15102324)
       402108.88   3781248.78      5.57664 (15102324)              402128.88
3781248.78       5.71059 (15102324)
       402148.88   3781248.78      5.84524 (15102324)              402168.88
3781248.78       5.97764 (12111623)
       402188.88   3781248.78      6.13337 (15072705)              402208.88
3781248.78       6.28709 (15072705)
       402228.88   3781248.78      6.44310 (16081403)              402248.88
3781248.78       6.59937 (16081403)
       402268.88   3781248.78      6.74985 (16081403)              402288.88
3781248.78       6.89720 (16081403)
       402308.88   3781248.78      7.05892 (15091906)              402328.88
3781248.78       7.21589 (15091906)
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      402348.88    3781248.78        7.36566  (15091906)              402368.88
3781248.78         7.54035  (14100506)
      402388.88    3781248.78        7.71480  (14100506)              402408.88
3781248.78         7.88885  (14100506)
      402428.88    3781248.78        8.07275  (15080504)              402448.88
3781248.78         8.26516  (15080504)
      402468.88    3781248.78        8.48868  (14091502)              402488.88
3781248.78         8.74360  (14091502)
      402508.88    3781248.78        8.98286  (14091502)              401308.88
3781268.78         2.61914  (15092103)
      401328.88    3781268.78        2.65050  (14091604)              401348.88
3781268.78         2.68598  (14091604)
      401368.88    3781268.78        2.72153  (14091604)              401388.88
3781268.78         2.75704  (14091604)
      401408.88    3781268.78        2.79355  (14091604)              401428.88
3781268.78         2.83220  (14091604)
      401448.88    3781268.78        2.87343  (14091604)              401468.88
3781268.78         2.91596  (14091604)
      401488.88    3781268.78        2.95987  (15092106)              401508.88
3781268.78         3.00617  (15092106)
      401528.88    3781268.78        3.05368  (15092106)              401548.88
3781268.78         3.10188  (15092106)
      401568.88    3781268.78        3.14902  (15092106)              401588.88
3781268.78         3.20026  (15091204)
      401608.88    3781268.78        3.25505  (15091204)              401628.88
3781268.78         3.31184  (15091204)
      401648.88    3781268.78        3.37234  (15100821)              401668.88
3781268.78         3.43812  (15100821)
      401688.88    3781268.78        3.50482  (15100821)              401708.88
3781268.78         3.57359  (15100821)
      401728.88    3781268.78        3.64400  (15100821)              401748.88
3781268.78         3.71652  (15100821)
      401768.88    3781268.78        3.79276  (15091105)              401788.88
3781268.78         3.87259  (15091105)
      401808.88    3781268.78        3.95543  (15091105)              401828.88
3781268.78         4.04114  (15091105)
      401848.88    3781268.78        4.12893  (15091105)              401868.88
3781268.78         4.23681  (13090623)
      401888.88    3781268.78        4.33520  (13090623)              401908.88
3781268.78         4.44027  (13090623)
      401928.88    3781268.78        4.55273  (13090623)              401948.88
3781268.78         4.67457  (13090623)
      401968.88    3781268.78        4.78667  (13090623)              401988.88
3781268.78         4.89746  (13090623)
      402008.88    3781268.78        5.02562  (13083005)              402028.88
3781268.78         5.14610  (12101424)
      402048.88    3781268.78        5.28064  (15102324)              402068.88
3781268.78         5.42347  (15102324)
      402088.88    3781268.78        5.56697  (15102324)              402108.88
3781268.78         5.70804  (15102324)
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        402128.88   3781268.78        5.84983  (15102324)              402148.88
3781268.78         5.98989  (15102324)
        402168.88   3781268.78        6.14200  (15072705)              402188.88
3781268.78         6.30462  (15072705)
        402208.88   3781268.78        6.46313  (16081403)              402228.88
3781268.78         6.62726  (16081403)
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at   ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                              PAGE 338

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                               INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                               ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -

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        402248.88   3781268.78        6.78657  (16081403)              402268.88
3781268.78         6.94114  (16081403)
        402288.88   3781268.78        7.09582  (15091906)              402308.88
3781268.78         7.26196  (15091906)
        402328.88   3781268.78        7.42115  (15091906)              402348.88
3781268.78         7.57922  (14100506)
        402368.88   3781268.78        7.75670  (14100506)              402388.88
3781268.78         7.94476  (14102506)
        402408.88   3781268.78        8.12419  (14102506)              402428.88
3781268.78         8.28889  (15080504)
        402448.88   3781268.78        8.47575  (15080504)              402468.88
3781268.78         8.71185  (14091502)
        402488.88   3781268.78        8.95779  (14091502)              402508.88
3781268.78         9.18929  (14091502)
        401308.88   3781288.78        2.61405  (15092103)              401328.88
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3781288.78          2.64757  (14091604)
        401348.88    3781288.78        2.68191  (14091604)                401368.88
3781288.78          2.72073  (14091604)
        401388.88    3781288.78        2.75442  (14091604)                401408.88
3781288.78          2.78818  (14091604)
        401428.88    3781288.78        2.82798  (14091604)                401448.88
3781288.78          2.87168  (14091604)
        401468.88    3781288.78        2.91546  (14091604)                401488.88
3781288.78          2.95807  (15092106)
        401508.88    3781288.78        3.00502  (15092106)                401528.88
3781288.78          3.05275  (15092106)
        401548.88    3781288.78        3.10394  (15092106)                401568.88
3781288.78          3.15070  (15092106)
        401588.88    3781288.78        3.20185  (15092106)                401608.88
3781288.78          3.25480  (15091204)
        401628.88    3781288.78        3.31773  (15091204)                401648.88
3781288.78          3.38415  (15100821)
        401668.88    3781288.78        3.45065  (15100821)                401688.88
3781288.78          3.51749  (15100821)
        401708.88    3781288.78        3.58524  (15100821)                401728.88
3781288.78          3.66213  (15100821)
        401748.88    3781288.78        3.73781  (15091105)                401768.88
3781288.78          3.81852  (15091105)
        401788.88    3781288.78        3.89953  (15091105)                401808.88
3781288.78          3.98695  (15091105)
        401828.88    3781288.78        4.07610  (15091105)                401848.88
3781288.78          4.16792  (15091105)
        401868.88    3781288.78        4.28468  (13090623)                401888.88
3781288.78          4.38515  (13090623)
        401908.88    3781288.78        4.49780  (13090623)                401928.88
3781288.78          4.62517  (13090623)
        401948.88    3781288.78        4.74198  (13090623)                401968.88
3781288.78          4.86486  (13090623)
        401988.88    3781288.78        4.98678  (13090623)                402008.88
3781288.78          5.13170  (13083005)
        402028.88    3781288.78        5.25910  (12101424)                402048.88
3781288.78          5.40653  (15102324)
        402068.88    3781288.78        5.55517  (15102324)                402088.88
3781288.78          5.70558  (15102324)
        402108.88    3781288.78        5.85674  (15102324)                402128.88
3781288.78          6.00697  (15102324)
        402148.88    3781288.78        6.15598  (15102324)                402168.88
3781288.78          6.32842  (15072705)
        402188.88    3781288.78        6.49747  (15072705)                402208.88
3781288.78          6.66702  (16081403)
        402228.88    3781288.78        6.83632  (16081403)                402248.88
3781288.78          6.99974  (16081403)
        402268.88    3781288.78        7.15837  (16081403)                402288.88
3781288.78          7.32504  (15091906)
        402308.88    3781288.78        7.49331  (15091906)                402328.88
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3781288.78        7.65540  (15091906)
       402348.88   3781288.78        7.85988  (14102506)                402368.88
3781288.78        8.06332  (14102506)
       402388.88   3781288.78        8.25215  (14102506)                402408.88
3781288.78        8.43725  (14102506)
       402428.88   3781288.78        8.59069  (14102506)                402448.88
3781288.78        8.74144  (14102506)
       402468.88   3781288.78        8.96329  (14091502)                402488.88
3781288.78        9.20137  (14091502)
       402508.88   3781288.78        9.41861  (14091502)                401308.88
3781308.78        2.60515  (15092103)
       401328.88   3781308.78        2.64000  (15092103)                401348.88
3781308.78        2.67344  (14091604)
       401368.88   3781308.78        2.71569  (14091604)                401388.88
3781308.78        2.74908  (14091604)
```
↑ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 339
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                               INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       401408.88   3781308.78   2.78263 (14091604)   401428.88
3781308.78   2.82724 (14091604)
       401448.88   3781308.78   2.87041 (14091604)   401468.88
3781308.78   2.91313 (14091604)
       401488.88   3781308.78   2.95577 (14091604)   401508.88
3781308.78   3.00272 (15092106)
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     401528.88    3781308.78        3.05130   (15092106)              401548.88
3781308.78          3.10572   (15092106)
     401568.88    3781308.78        3.15463   (15092106)              401588.88
3781308.78          3.20613   (15092106)
     401608.88    3781308.78        3.26858   (15091204)              401628.88
3781308.78          3.32864   (15091204)
     401648.88    3781308.78        3.39569   (15100821)              401668.88
3781308.78          3.46484   (15100821)
     401688.88    3781308.78        3.53567   (15100821)              401708.88
3781308.78          3.60689   (15100821)
     401728.88    3781308.78        3.68411   (15100821)              401748.88
3781308.78          3.76407   (15091105)
     401768.88    3781308.78        3.84408   (15091105)              401788.88
3781308.78          3.93056   (15091105)
     401808.88    3781308.78        4.02088   (15091105)              401828.88
3781308.78          4.11497   (15091105)
     401848.88    3781308.78        4.21969   (13090623)              401868.88
3781308.78          4.33575   (13090623)
     401888.88    3781308.78        4.44806   (13090623)              401908.88
3781308.78          4.56967   (13090623)
     401928.88    3781308.78        4.70266   (13090623)              401948.88
3781308.78          4.82044   (13090623)
     401968.88    3781308.78        4.95521   (13090623)              401988.88
3781308.78          5.08533   (12101424)
     402008.88    3781308.78        5.23060   (12101424)              402028.88
3781308.78          5.38292   (15102324)
     402048.88    3781308.78        5.54331   (15102324)              402068.88
3781308.78          5.70285   (15102324)
     402088.88    3781308.78        5.86368   (15102324)              402108.88
3781308.78          6.02517   (15102324)
     402128.88    3781308.78        6.18546   (15102324)              402148.88
3781308.78          6.35692   (15072705)
     402168.88    3781308.78        6.53962   (15072705)              402188.88
3781308.78          6.71665   (15072705)
     402208.88    3781308.78        6.89836   (16081403)              402228.88
3781308.78          7.07428   (16081403)
     402248.88    3781308.78        7.24395   (16081403)              402268.88
3781308.78          7.40870   (15091906)
     402288.88    3781308.78        7.58770   (15091906)              402308.88
3781308.78          7.76455   (14102506)
     402328.88    3781308.78        7.98866   (14102506)              402348.88
3781308.78          8.20885   (14102506)
     402368.88    3781308.78        8.41408   (14102506)              402388.88
3781308.78          8.60874   (14102506)
     402408.88    3781308.78        8.78496   (14102506)              402428.88
3781308.78          8.94756   (14102506)
     402448.88    3781308.78        9.10246   (14102506)              402468.88
3781308.78          9.24455   (14091502)
     402488.88    3781308.78        9.47630   (14091502)              402508.88
3781308.78          9.68106   (14091502)
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        401308.88   3781328.78        2.59991  (15092103)              401328.88
3781328.78         2.63238  (15092103)
        401348.88   3781328.78        2.66515  (15092103)              401368.88
3781328.78         2.71041  (14091604)
        401388.88   3781328.78        2.74466  (14091604)              401408.88
3781328.78         2.77922  (14091604)
        401428.88   3781328.78        2.82363  (14091604)              401448.88
3781328.78         2.86549  (14091604)
        401468.88   3781328.78        2.90991  (14091604)              401488.88
3781328.78         2.95484  (14091604)
        401508.88   3781328.78        2.99957  (15092106)              401528.88
3781328.78         3.05206  (15092106)
        401548.88   3781328.78        3.10712  (15092106)              401568.88
3781328.78         3.15674  (15092106)
        401588.88   3781328.78        3.20946  (15092106)              401608.88
3781328.78         3.26936  (15091204)
        401628.88   3781328.78        3.33264  (15091204)              401648.88
3781328.78         3.39490  (15091204)
        401668.88   3781328.78        3.47367  (15100821)              401688.88
3781328.78         3.54204  (15100821)
        401708.88   3781328.78        3.61951  (15100821)              401728.88
3781328.78         3.70088  (15100821)
        401748.88   3781328.78        3.78810  (15091105)              401768.88
3781328.78         3.87087  (15091105)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 340
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
               L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
               L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
               L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
           **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)

```
Y-COORD (M)          CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - -
       401788.88   3781328.78      3.96163  (15091105)             401808.88
3781328.78         4.05640  (15091105)
       401828.88   3781328.78      4.15251  (15091105)             401848.88
3781328.78         4.26924  (13090623)
       401868.88   3781328.78      4.38996  (13090623)             401888.88
3781328.78         4.50854  (13090623)
       401908.88   3781328.78      4.64221  (13090623)             401928.88
3781328.78         4.76892  (13090623)
       401948.88   3781328.78      4.89509  (13090623)             401968.88
3781328.78         5.04130  (13090623)
       401988.88   3781328.78      5.19232  (12101424)             402008.88
3781328.78         5.34966  (12110603)
       402028.88   3781328.78      5.52107  (15102324)             402048.88
3781328.78         5.69393  (15102324)
       402068.88   3781328.78      5.86721  (15102324)             402088.88
3781328.78         6.04167  (15102324)
       402108.88   3781328.78      6.21580  (15102324)             402128.88
3781328.78         6.39021  (15102324)
       402148.88   3781328.78      6.58512  (15072705)             402168.88
3781328.78         6.77934  (15072705)
       402188.88   3781328.78      6.97164  (16081403)             402208.88
3781328.78         7.16324  (16081403)
       402228.88   3781328.78      7.34814  (16081403)             402248.88
3781328.78         7.52596  (16081403)
       402268.88   3781328.78      7.70656  (15091906)             402288.88
3781328.78         7.91431  (14102506)
       402308.88   3781328.78      8.15088  (14102506)             402328.88
3781328.78         8.38441  (14102506)
       402348.88   3781328.78      8.61238  (14102506)             402368.88
3781328.78         8.81647  (14102506)
       402388.88   3781328.78      9.00123  (14102506)             402408.88
3781328.78         9.18662  (14102506)
       402428.88   3781328.78      9.36296  (14102506)             402448.88
3781328.78         9.49737  (14102506)
       402468.88   3781328.78      9.61254  (14102506)             402488.88
3781328.78         9.79201  (14091502)
       402508.88   3781328.78      9.99209  (14091502)             401308.88
3781348.78         2.59598  (15092103)
       401328.88   3781348.78      2.62843  (15092103)             401348.88
3781348.78         2.66183  (15092103)
       401368.88   3781348.78      2.70500  (14091604)             401388.88
3781348.78         2.74080  (14091604)
       401408.88   3781348.78      2.77528  (14091604)             401428.88
3781348.78         2.81751  (14091604)
       401448.88   3781348.78      2.86403  (14091604)             401468.88
3781348.78         2.90718  (14091604)
       401488.88   3781348.78      2.95025  (14091604)             401508.88
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3781348.78         2.99736  (14091604)
        401528.88    3781348.78         3.04645  (15092106)              401548.88
3781348.78         3.10889  (15092106)
        401568.88    3781348.78         3.15873  (15092106)              401588.88
3781348.78         3.21732  (15091204)
        401608.88    3781348.78         3.27525  (15091204)              401628.88
3781348.78         3.34129  (15091204)
        401648.88    3781348.78         3.41205  (15100821)              401668.88
3781348.78         3.48438  (15100821)
        401688.88    3781348.78         3.56183  (15100821)              401708.88
3781348.78         3.63861  (15100821)
        401728.88    3781348.78         3.72137  (15091105)              401748.88
3781348.78         3.80915  (15091105)
        401768.88    3781348.78         3.89980  (15091105)              401788.88
3781348.78         3.99573  (15091105)
        401808.88    3781348.78         4.09382  (15091105)              401828.88
3781348.78         4.19616  (15091105)
        401848.88    3781348.78         4.31534  (13090623)              401868.88
3781348.78         4.44712  (13090623)
        401888.88    3781348.78         4.57278  (13090623)              401908.88
3781348.78         4.71241  (13090623)
        401928.88    3781348.78         4.85228  (13090623)              401948.88
3781348.78         4.99669  (13090623)
        401968.88    3781348.78         5.14784  (13090623)              401988.88
3781348.78         5.31242  (12101424)
        402008.88    3781348.78         5.48981  (15102324)              402028.88
3781348.78         5.67502  (15102324)
        402048.88    3781348.78         5.86218  (15102324)              402068.88
3781348.78         6.05194  (15102324)
        402088.88    3781348.78         6.24367  (15102324)              402108.88
3781348.78         6.45457  (15043006)
        402128.88    3781348.78         6.66019  (15043006)              402148.88
3781348.78         6.86162  (15043006)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 341
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                             INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919

, L0000920   , L0000921   ,   . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402168.88   3781348.78   7.06296 (16031706)   402188.88
3781348.78   7.27328 (16031706)
        402208.88   3781348.78   7.47016 (16081403)   402228.88
3781348.78   7.66904 (16081403)
        402248.88   3781348.78   7.85874 (16081403)   402268.88
3781348.78   8.09874 (14102506)
        402288.88   3781348.78   8.35641 (14102506)   402308.88
3781348.78   8.59974 (14102506)
        402328.88   3781348.78   8.83865 (14102506)   402348.88
3781348.78   9.06630 (14102506)
        402368.88   3781348.78   9.27588 (14102506)   402388.88
3781348.78   9.46332 (14102506)
        402408.88   3781348.78   9.64459 (14102506)   402428.88
3781348.78   9.82483 (14102506)
        402448.88   3781348.78   9.96062 (14102506)   402468.88
3781348.78   10.07933 (14102506)
        402488.88   3781348.78   10.17673 (14102506)   402508.88
3781348.78   10.43647 (14102506)
        401308.88   3781368.78   2.59031 (15092103)   401328.88
3781368.78   2.62345 (15092103)
        401348.88   3781368.78   2.65677 (15092103)   401368.88
3781368.78   2.69946 (14091604)
        401388.88   3781368.78   2.73843 (14091604)   401408.88
3781368.78   2.77410 (14091604)
        401428.88   3781368.78   2.81572 (14091604)   401448.88
3781368.78   2.86062 (14091604)
        401468.88   3781368.78   2.90639 (14091604)   401488.88
3781368.78   2.94910 (14091604)
        401508.88   3781368.78   2.99855 (15092106)   401528.88
3781368.78   3.04903 (15092106)
        401548.88   3781368.78   3.11004 (15092106)   401568.88
3781368.78   3.16145 (15092106)
        401588.88   3781368.78   3.21970 (15091204)   401608.88
3781368.78   3.28393 (15091204)
        401628.88   3781368.78   3.35026 (15100821)   401648.88
3781368.78   3.42350 (15100821)
        401668.88   3781368.78   3.49752 (15100821)   401688.88
3781368.78   3.57593 (15100821)

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      401708.88    3781368.78        3.65500  (15100821)              401728.88
3781368.78        3.74098  (15091105)
      401748.88    3781368.78        3.83136  (15091105)              401768.88
3781368.78        3.92680  (15091105)
      401788.88    3781368.78        4.02604  (15091105)              401808.88
3781368.78        4.12993  (15091105)
      401828.88    3781368.78        4.24229  (13090623)              401848.88
3781368.78        4.37042  (13090623)
      401868.88    3781368.78        4.50715  (13090623)              401888.88
3781368.78        4.64430  (13090623)
      401908.88    3781368.78        4.79187  (13090623)              401928.88
3781368.78        4.94204  (13090623)
      401948.88    3781368.78        5.09897  (13090623)              401968.88
3781368.78        5.26559  (12101424)
      401988.88    3781368.78        5.44845  (12110603)              402008.88
3781368.78        5.64517  (15102324)
      402028.88    3781368.78        5.84659  (15102324)              402048.88
3781368.78        6.05092  (15102324)
      402068.88    3781368.78        6.28225  (15043006)              402088.88
3781368.78        6.52700  (15043006)
      402108.88    3781368.78        6.77442  (15043006)              402128.88
3781368.78        7.01185  (15043006)
      402148.88    3781368.78        7.24387  (15043006)              402168.88
3781368.78        7.46973  (15043006)
      402188.88    3781368.78        7.67024  (16031706)              402208.88
3781368.78        7.89008  (16031706)
      402228.88    3781368.78        8.09787  (16031706)              402248.88
3781368.78        8.31839  (14102506)
      402268.88    3781368.78        8.59910  (14102506)              402288.88
3781368.78        8.86836  (14102506)
      402308.88    3781368.78        9.12623  (14102506)              402328.88
3781368.78        9.37221  (14102506)
      402348.88    3781368.78        9.61171  (14102506)              402368.88
3781368.78        9.81383  (14102506)
      402388.88    3781368.78       10.01179  (14102506)              402408.88
3781368.78       10.19623  (14102506)
      402428.88    3781368.78       10.37355  (14102506)              402448.88
3781368.78       10.53306  (14102506)
      402468.88    3781368.78       10.59615  (14102506)              402488.88
3781368.78       10.76332  (14102506)
      402508.88    3781368.78       10.96537  (14102506)              401308.88
3781388.78        2.58337  (15092103)
```
↥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                       PAGE 342
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                                   *** THE    1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:   TRUCK      ***
                                       INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                    L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                    L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                    L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,


                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


      X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)            X-COORD (M)
Y-COORD (M)      CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        401328.88  3781388.78      2.61723 (15092103)            401348.88
3781388.78      2.65216 (15092103)
        401368.88  3781388.78      2.69412 (14091604)            401388.88
3781388.78      2.73393 (14091604)
        401408.88  3781388.78      2.77035 (14091604)            401428.88
3781388.78      2.81328 (14091604)
        401448.88  3781388.78      2.85832 (14091604)            401468.88
3781388.78      2.90301 (14091604)
        401488.88  3781388.78      2.94702 (14091604)            401508.88
3781388.78      2.99573 (14091604)
        401528.88  3781388.78      3.04971 (15092106)            401548.88
3781388.78      3.11069 (15092106)
        401568.88  3781388.78      3.16330 (15092106)            401588.88
3781388.78      3.22615 (15091204)
        401608.88  3781388.78      3.29020 (15091204)            401628.88
3781388.78      3.35981 (15100821)
        401648.88  3781388.78      3.43556 (15100821)            401668.88
3781388.78      3.50530 (15100821)
        401688.88  3781388.78      3.58742 (15100821)            401708.88
3781388.78      3.67227 (15100821)
        401728.88  3781388.78      3.75819 (15091105)            401748.88
3781388.78      3.85652 (15091105)
        401768.88  3781388.78      3.95329 (15091105)            401788.88
3781388.78      4.05724 (15091105)
        401808.88  3781388.78      4.16736 (15091105)            401828.88
3781388.78      4.28777 (13090623)
        401848.88  3781388.78      4.42288 (13090623)            401868.88
3781388.78      4.57172 (13090623)
        401888.88  3781388.78      4.71060 (13090623)            401908.88
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3781388.78          4.87102  (13090623)
        401928.88   3781388.78        5.03957  (13090623)              401948.88
3781388.78          5.20780  (13090623)
        401968.88   3781388.78        5.39644  (12110603)              401988.88
3781388.78          5.60118  (15102324)
        402008.88   3781388.78        5.81760  (15043006)              402028.88
3781388.78          6.06653  (15043006)
        402048.88   3781388.78        6.32137  (15043006)              402068.88
3781388.78          6.59561  (15043006)
        402088.88   3781388.78        6.86781  (15043006)              402108.88
3781388.78          7.14950  (15043006)
        402128.88   3781388.78        7.42714  (15043006)              402148.88
3781388.78          7.69426  (15043006)
        402168.88   3781388.78        7.94781  (15120908)              402188.88
3781388.78          8.20212  (15120908)
        402208.88   3781388.78        8.42784  (15120908)              402228.88
3781388.78          8.68173  (15120908)
        402248.88   3781388.78        8.90984  (15120908)              402268.88
3781388.78          9.19131  (14102506)
        402288.88   3781388.78        9.48258  (14102506)              402308.88
3781388.78          9.75086  (14102506)
        402328.88   3781388.78       10.01155  (14102506)              402348.88
3781388.78         10.25131  (14102506)
        402368.88   3781388.78       10.45838  (14102506)              402388.88
3781388.78         10.66432  (14102506)
        402408.88   3781388.78       10.85897  (14102506)              402428.88
3781388.78         11.04715  (14102506)
        402448.88   3781388.78       11.22469  (14102506)              402468.88
3781388.78         11.25665  (14102506)
        402488.88   3781388.78       11.47225  (14102506)              402508.88
3781388.78         11.67873  (14102506)
        401308.88   3781408.78        2.57413  (15092103)              401328.88
3781408.78          2.60750  (15092103)
        401348.88   3781408.78        2.64372  (15092103)              401368.88
3781408.78          2.68893  (14091604)
        401388.88   3781408.78        2.72819  (14091604)              401408.88
3781408.78          2.76327  (14091604)
        401428.88   3781408.78        2.80783  (14091604)              401448.88
3781408.78          2.85414  (14091604)
        401468.88   3781408.78        2.90062  (14091604)              401488.88
3781408.78          2.94557  (14091604)
        401508.88   3781408.78        2.99822  (15092106)              401528.88
3781408.78          3.05042  (15092106)
        401548.88   3781408.78        3.11094  (15092106)              401568.88
3781408.78          3.16463  (15092106)
        401588.88   3781408.78        3.22973  (16102221)              401608.88
3781408.78          3.29848  (16102221)
        401628.88   3781408.78        3.37140  (15100821)              401648.88
3781408.78          3.44458  (15100821)
        401668.88   3781408.78        3.52142  (16102221)              401688.88
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3781408.78          3.60302  (16102221)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

                                  PAGE 343
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401708.88   3781408.78   3.68898 (16102221)   401728.88
3781408.78   3.78049 (16102221)
        401748.88   3781408.78   3.88012 (15091105)   401768.88
3781408.78   3.98331 (15091105)
        401788.88   3781408.78   4.09077 (15091105)   401808.88
3781408.78   4.20564 (15091105)
        401828.88   3781408.78   4.33664 (13090623)   401848.88
3781408.78   4.48055 (13090623)
        401868.88   3781408.78   4.63570 (13090623)   401888.88
3781408.78   4.79153 (13090623)
        401908.88   3781408.78   4.95899 (13090623)   401928.88
3781408.78   5.13977 (13090623)
        401948.88   3781408.78   5.32967 (12101424)   401968.88
3781408.78   5.54277 (12110603)
        401988.88   3781408.78   5.79537 (15043006)   402008.88
3781408.78   6.06012 (15043006)
        402028.88   3781408.78   6.34246 (15043006)   402048.88
3781408.78   6.63544 (15043006)
        402068.88   3781408.78   6.93937 (15043006)   402088.88
3781408.78   7.25489 (15043006)
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     402108.88    3781408.78        7.58646  (15043006)              402128.88
3781408.78        7.92740  (15120908)
     402148.88    3781408.78        8.24909  (15120908)              402168.88
3781408.78        8.54530  (15120908)
     402188.88    3781408.78        8.84137  (15120908)              402208.88
3781408.78        9.11036  (15120908)
     402228.88    3781408.78        9.39211  (15120908)              402248.88
3781408.78        9.64972  (15120908)
     402268.88    3781408.78        9.91782  (14102506)              402288.88
3781408.78       10.22456  (14102506)
     402308.88    3781408.78       10.50638  (14102506)              402328.88
3781408.78       10.77487  (14102506)
     402348.88    3781408.78       11.02143  (14102506)              402368.88
3781408.78       11.22749  (14102506)
     402388.88    3781408.78       11.44141  (14102506)              402408.88
3781408.78       11.64473  (14102506)
     402428.88    3781408.78       11.83783  (14102506)              402448.88
3781408.78       11.98852  (14102506)
     402468.88    3781408.78       12.05392  (14102506)              402488.88
3781408.78       12.27059  (14102506)
     402508.88    3781408.78       12.44628  (14102506)              401308.88
3781428.78        2.57029  (15092103)
     401328.88    3781428.78        2.60386  (15092103)              401348.88
3781428.78        2.63936  (15092103)
     401368.88    3781428.78        2.68394  (14091604)              401388.88
3781428.78        2.72000  (14091604)
     401408.88    3781428.78        2.75613  (14091604)              401428.88
3781428.78        2.79814  (14091604)
     401448.88    3781428.78        2.84849  (14091604)              401468.88
3781428.78        2.89609  (14091604)
     401488.88    3781428.78        2.94291  (14091604)              401508.88
3781428.78        2.99841  (15092106)
     401528.88    3781428.78        3.05080  (15092106)              401548.88
3781428.78        3.11093  (15091204)
     401568.88    3781428.78        3.17238  (16102221)              401588.88
3781428.78        3.23880  (16102221)
     401608.88    3781428.78        3.30937  (16102221)              401628.88
3781428.78        3.38233  (16102221)
     401648.88    3781428.78        3.45907  (16102221)              401668.88
3781428.78        3.53990  (16102221)
     401688.88    3781428.78        3.62204  (16102221)              401708.88
3781428.78        3.71083  (16102221)
     401728.88    3781428.78        3.80445  (15091105)              401748.88
3781428.78        3.90598  (16102221)
     401768.88    3781428.78        4.01431  (16102221)              401788.88
3781428.78        4.12804  (16102221)
     401808.88    3781428.78        4.24910  (16102221)              401828.88
3781428.78        4.38523  (13090623)
     401848.88    3781428.78        4.53630  (13090623)              401868.88
3781428.78        4.70050  (13090623)
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        401888.88   3781428.78        4.86764  (13090623)                401908.88
3781428.78        5.04925  (13090623)
        401928.88   3781428.78        5.24676  (12101424)                401948.88
3781428.78        5.47324  (15043006)
        401968.88   3781428.78        5.74267  (15043006)                401988.88
3781428.78        6.03185  (15043006)
        402008.88   3781428.78        6.32906  (15043006)                402028.88
3781428.78        6.65287  (15043006)
        402048.88   3781428.78        6.99487  (15043006)                402068.88
3781428.78        7.34185  (15043006)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                          PAGE 344
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                            INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                     ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402088.88   3781428.78   7.72090 (15120908)   402108.88
3781428.78   8.13323 (15120908)
        402128.88   3781428.78   8.53091 (15120908)   402148.88
3781428.78   8.92601 (15120908)
        402168.88   3781428.78   9.28175 (15120908)   402188.88
3781428.78   9.61037 (15120908)
        402208.88   3781428.78   9.94196 (15120908)   402228.88
3781428.78   10.25901 (15120908)
        402248.88   3781428.78   10.55863 (15120908)   402268.88
3781428.78   10.85141 (15120908)
        402288.88   3781428.78   11.12761 (14102506)   402308.88
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3781428.78      11.43640  (14102506)
        402328.88   3781428.78      11.73039  (14102506)                402348.88
3781428.78      11.98006  (14102506)
        402368.88   3781428.78      12.19346  (14102506)                402388.88
3781428.78      12.42921  (14102506)
        402408.88   3781428.78      12.64569  (14102506)                402428.88
3781428.78      12.85079  (14102506)
        402448.88   3781428.78      13.00522  (14102506)                402468.88
3781428.78      13.02773  (14102506)
        402488.88   3781428.78      13.16988  (14102506)                402508.88
3781428.78      13.35699  (12022708)
        401308.88   3781448.78       2.56637  (15092103)                401328.88
3781448.78       2.60149  (15092103)
        401348.88   3781448.78       2.63632  (15092103)                401368.88
3781448.78       2.68001  (14091604)
        401388.88   3781448.78       2.71667  (14091604)                401408.88
3781448.78       2.75268  (14091604)
        401428.88   3781448.78       2.79686  (14091604)                401448.88
3781448.78       2.84403  (14091604)
        401468.88   3781448.78       2.89266  (14091604)                401488.88
3781448.78       2.93718  (14091604)
        401508.88   3781448.78       2.99568  (15092106)                401528.88
3781448.78       3.04930  (15092106)
        401548.88   3781448.78       3.11470  (16102221)                401568.88
3781448.78       3.17902  (16102221)
        401588.88   3781448.78       3.24653  (16102221)                401608.88
3781448.78       3.31867  (16102221)
        401628.88   3781448.78       3.39335  (16102221)                401648.88
3781448.78       3.47180  (16102221)
        401668.88   3781448.78       3.55478  (16102221)                401688.88
3781448.78       3.64254  (16102221)
        401708.88   3781448.78       3.73384  (16102221)                401728.88
3781448.78       3.83161  (16102221)
        401748.88   3781448.78       3.93755  (16102221)                401768.88
3781448.78       4.04983  (16102221)
        401788.88   3781448.78       4.17115  (16102221)                401808.88
3781448.78       4.29935  (16102221)
        401828.88   3781448.78       4.43914  (16102221)                401848.88
3781448.78       4.59652  (16102221)
        401868.88   3781448.78       4.76584  (13090623)                401888.88
3781448.78       4.94851  (16102221)
        401908.88   3781448.78       5.14983  (16102221)                401928.88
3781448.78       5.38000  (16102221)
        401948.88   3781448.78       5.64615  (15043006)                401968.88
3781448.78       5.95372  (15043006)
        401988.88   3781448.78       6.27919  (15043006)                402008.88
3781448.78       6.63212  (15043006)
        402028.88   3781448.78       7.01819  (15043006)                402048.88
3781448.78       7.42520  (15120908)
        402068.88   3781448.78       7.86600  (15120908)                402088.88
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 3781448.78        8.32618  (15120908)
         402108.88   3781448.78         8.80703  (15120908)                402128.88
 3781448.78        9.29952  (15120908)
         402148.88   3781448.78         9.77834  (15120908)                402168.88
 3781448.78       10.19737  (15120908)
         402188.88   3781448.78        10.60305  (15120908)                402208.88
 3781448.78       10.97807  (15120908)
         402228.88   3781448.78        11.36868  (15120908)                402248.88
 3781448.78       11.72005  (15120908)
         402268.88   3781448.78        12.05896  (15120908)                402288.88
 3781448.78       12.36835  (15120908)
         402308.88   3781448.78        12.60900  (14102506)                402328.88
 3781448.78       12.92539  (14102506)
         402348.88   3781448.78        13.15841  (14102506)                402368.88
 3781448.78       13.41895  (14102506)
         402388.88   3781448.78        13.66151  (14102506)                402408.88
 3781448.78       13.88972  (14102506)
         402428.88   3781448.78        14.04629  (14102506)                402448.88
 3781448.78       14.19281  (14102506)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 345
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                             INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
         402468.88   3781448.78   14.23558 (14102506)   402488.88
 3781448.78   14.43920 (14102506)
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      402508.88    3781448.78       14.69278  (12022708)            401308.88
3781468.78          2.58502  (13051303)
      401328.88    3781468.78        2.59972  (15092103)            401348.88
3781468.78          2.63510  (15092103)
      401368.88    3781468.78        2.67627  (14091604)            401388.88
3781468.78          2.71515  (14091604)
      401408.88    3781468.78        2.75178  (14091604)            401428.88
3781468.78          2.79515  (14091604)
      401448.88    3781468.78        2.84293  (14091604)            401468.88
3781468.78          2.89066  (14091604)
      401488.88    3781468.78        2.93719  (14091604)            401508.88
3781468.78          2.99305  (15092106)
      401528.88    3781468.78        3.05213  (16102221)            401548.88
3781468.78          3.11901  (16102221)
      401568.88    3781468.78        3.18403  (16102221)            401588.88
3781468.78          3.25260  (16102221)
      401608.88    3781468.78        3.32649  (16102221)            401628.88
3781468.78          3.40256  (16102221)
      401648.88    3781468.78        3.48330  (16102221)            401668.88
3781468.78          3.56868  (16102221)
      401688.88    3781468.78        3.65733  (16102221)            401708.88
3781468.78          3.75341  (16102221)
      401728.88    3781468.78        3.85595  (16102221)            401748.88
3781468.78          3.96802  (16102221)
      401768.88    3781468.78        4.08698  (16102221)            401788.88
3781468.78          4.21429  (16102221)
      401808.88    3781468.78        4.35283  (16102221)            401828.88
3781468.78          4.50525  (16102221)
      401848.88    3781468.78        4.67212  (16102221)            401868.88
3781468.78          4.85102  (16102221)
      401888.88    3781468.78        5.05773  (16102221)            401908.88
3781468.78          5.28125  (16102221)
      401928.88    3781468.78        5.51836  (15043006)            401948.88
3781468.78          5.83428  (15043006)
      401968.88    3781468.78        6.18293  (15043006)            401988.88
3781468.78          6.56066  (15043006)
      402008.88    3781468.78        6.97314  (15043006)            402028.88
3781468.78          7.43871  (15120908)
      402048.88    3781468.78        7.94686  (15120908)            402068.88
3781468.78          8.48093  (15120908)
      402088.88    3781468.78        9.05648  (15120908)            402108.88
3781468.78          9.65250  (15120908)
      402128.88    3781468.78       10.25559  (15120908)            402148.88
3781468.78         10.82509  (15120908)
      402168.88    3781468.78       11.37432  (15120908)            402188.88
3781468.78         11.87019  (15120908)
      402208.88    3781468.78       12.30504  (15120908)            402228.88
3781468.78         12.78652  (15120908)
      402248.88    3781468.78       13.20454  (15120908)            402268.88
3781468.78         13.59559  (15120908)
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       402288.88   3781468.78       13.97155  (15120908)                  402308.88
3781468.78       14.28203  (15120908)
       402328.88   3781468.78       14.54335  (15120908)                  402348.88
3781468.78       14.74455  (14102506)
       402368.88   3781468.78       15.01955  (14102506)                  402388.88
3781468.78       15.29120  (14102506)
       402408.88   3781468.78       15.51859  (14102506)                  402428.88
3781468.78       15.66532  (14102506)
       402448.88   3781468.78       15.73308  (14102506)                  402468.88
3781468.78       15.73259  (14102506)
       402488.88   3781468.78       15.99165  (12022708)                  402508.88
3781468.78       16.28841  (12022708)
       401308.88   3781488.78        2.92510  (13051303)                  401328.88
3781488.78        2.88611  (13051303)
       401348.88   3781488.78        2.89882  (13051303)                  401368.88
3781488.78        2.71816  (13051303)
       401388.88   3781488.78        2.75502  (13051303)                  401408.88
3781488.78        2.82747  (13051303)
       401428.88   3781488.78        2.79386  (14091604)                  401448.88
3781488.78        2.84142  (14091604)
       401468.88   3781488.78        2.88977  (14091604)                  401488.88
3781488.78        2.93686  (14091604)
       401508.88   3781488.78        2.99255  (16102221)                  401528.88
3781488.78        3.05377  (16102221)
       401548.88   3781488.78        3.12184  (16102221)                  401568.88
3781488.78        3.18783  (16102221)
       401588.88   3781488.78        3.25794  (16102221)                  401608.88
3781488.78        3.33265  (16102221)
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 346

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                          INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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                                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                        **

        X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)                X-COORD (M)
   Y-COORD (M)       CONC     (YYMMDDHH)
   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  - - - - - - - - - - - - - - - - - - - - - - - - - - -
          401628.88   3781488.78        3.41006 (16102221)                401648.88
  3781488.78          3.49210 (16102221)
          401668.88   3781488.78        3.57893 (16102221)                401688.88
  3781488.78          3.67151 (16102221)
          401708.88   3781488.78        3.77076 (16102221)                401728.88
  3781488.78          3.87630 (16102221)
          401748.88   3781488.78        3.99119 (16102221)                401768.88
  3781488.78          4.11709 (16102221)
          401788.88   3781488.78        4.25235 (16102221)                401808.88
  3781488.78          4.40060 (16102221)
          401828.88   3781488.78        4.56409 (16102221)                401848.88
  3781488.78          4.76655 (12022717)
          401868.88   3781488.78        4.98039 (12022717)                401888.88
  3781488.78          5.20067 (12022717)
          401908.88   3781488.78        5.41657 (16102221)                401928.88
  3781488.78          5.68494 (15043006)
          401948.88   3781488.78        6.03943 (15043006)                401968.88
  3781488.78          6.43546 (15043006)
          401988.88   3781488.78        6.88179 (15043006)                402008.88
  3781488.78          7.37530 (15120908)
          402028.88   3781488.78        7.94415 (15120908)                402048.88
  3781488.78          8.56664 (15120908)
          402068.88   3781488.78        9.23613 (15120908)                402088.88
  3781488.78          9.95001 (15120908)
          402108.88   3781488.78       10.72182 (15120908)                402128.88
  3781488.78         11.45735 (15120908)
          402148.88   3781488.78       12.31658 (15120908)                402168.88
  3781488.78         13.02065 (15120908)
          402188.88   3781488.78       13.65324 (15120908)                402208.88
  3781488.78         14.06014 (15120908)
          402228.88   3781488.78       14.61302 (15120908)                402248.88
  3781488.78         15.16133 (15120908)
          402268.88   3781488.78       15.68525 (15120908)                402288.88
  3781488.78         16.23198 (15120908)
          402308.88   3781488.78       16.55839 (15120908)                402328.88
  3781488.78         16.87505 (15120908)
          402348.88   3781488.78       17.09367 (15120908)                402368.88
  3781488.78         17.36396 (15120908)
          402388.88   3781488.78       17.65316 (15120908)                402408.88
  3781488.78         17.81673 (13032507)
          402428.88   3781488.78       17.86403 (14102506)                402448.88
  3781488.78         17.97886 (14102506)
          402468.88   3781488.78       18.12353 (12022708)                402488.88
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3781488.78      18.20934 (12022708)
        402508.88   3781488.78      18.72636 (12022708)            401308.88
3781508.78          3.14049 (13051303)
        401328.88   3781508.78       3.12729 (13051303)            401348.88
3781508.78          3.16438 (13051303)
        401368.88   3781508.78       3.05719 (13051303)            401388.88
3781508.78          3.06854 (13051303)
        401408.88   3781508.78       3.14367 (13051303)            401428.88
3781508.78          3.16268 (13051303)
        401448.88   3781508.78       3.06317 (13051303)            401468.88
3781508.78          2.90007 (13100421)
        401488.88   3781508.78       2.98146 (13051303)            401508.88
3781508.78          2.99044 (16102221)
        401528.88   3781508.78       3.05191 (16102221)            401548.88
3781508.78          3.12291 (16102221)
        401568.88   3781508.78       3.19010 (16102221)            401588.88
3781508.78          3.26157 (16102221)
        401608.88   3781508.78       3.33677 (16102221)            401628.88
3781508.78          3.41570 (16102221)
        401648.88   3781508.78       3.49926 (16102221)            401668.88
3781508.78          3.58812 (16102221)
        401688.88   3781508.78       3.68242 (16102221)            401708.88
3781508.78          3.78517 (16102221)
        401728.88   3781508.78       3.89760 (16102221)            401748.88
3781508.78          4.01303 (16102221)
        401768.88   3781508.78       4.14469 (16102221)            401788.88
3781508.78          4.28473 (16102221)
        401808.88   3781508.78       4.43990 (16102221)            401828.88
3781508.78          4.67007 (12022717)
        401848.88   3781508.78       4.93704 (12022717)            401868.88
3781508.78          5.21355 (12022717)
        401888.88   3781508.78       5.49873 (12022717)            401908.88
3781508.78          5.78722 (12022717)
        401928.88   3781508.78       6.06009 (12022717)            401948.88
3781508.78          6.35338 (12022717)
        401968.88   3781508.78       6.69750 (15043006)            401988.88
3781508.78          7.22300 (15120908)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                         PAGE 347
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                          INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
               L0000899   , L0000900   , L0000901   , L0000902   , L0000903

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, L0000904     , L0000905     , L0000906      ,
                L0000907     , L0000908      , L0000909    , L0000910    , L0000911
, L0000912     , L0000913     , L0000914      ,
                L0000915     , L0000916      , L0000917    , L0000918    , L0000919
, L0000920     , L0000921     , . . .         ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10     IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)       CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
        402008.88   3781508.78        7.83482  (15120908)              402028.88
3781508.78        8.52850  (15120908)
        402048.88   3781508.78        9.30478  (15120908)              402068.88
3781508.78       10.17932  (15120908)
        402088.88   3781508.78       11.11632  (15120908)              402108.88
3781508.78       12.10898  (15120908)
        402128.88   3781508.78       13.11696  (15120908)              402148.88
3781508.78       14.16985  (15120908)
        402168.88   3781508.78       15.05438  (15120908)              402188.88
3781508.78       15.88396  (15120908)
        402208.88   3781508.78       16.43898  (15120908)              402228.88
3781508.78       17.16939  (15120908)
        402248.88   3781508.78       17.86715  (15120908)              402268.88
3781508.78       18.51546  (15120908)
        402288.88   3781508.78       19.20845  (15120908)              402308.88
3781508.78       19.83488  (15120908)
        402328.88   3781508.78       20.18942  (15120908)              402348.88
3781508.78       20.58483  (15120908)
        402368.88   3781508.78       20.96403  (15120908)              402388.88
3781508.78       21.19379  (15120908)
        402408.88   3781508.78       21.33882  (15120908)              402428.88
3781508.78       21.22230  (12022708)
        402448.88   3781508.78       21.27587  (12022708)              402468.88
3781508.78       21.48055  (12022708)
        402488.88   3781508.78       21.55061  (12022708)              402508.88
3781508.78       21.91405  (12022708)
        401308.88   3781528.78        3.34975  (13051303)              401328.88
3781528.78        3.37384  (13051303)
        401348.88   3781528.78        3.43016  (13051303)              401368.88
3781528.78        3.37174  (13051303)
        401388.88   3781528.78        3.32948  (13051303)              401408.88
3781528.78        3.42157  (13051303)
        401428.88   3781528.78        3.45034  (13051303)              401448.88
3781528.78        3.36530  (13051303)
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        401468.88    3781528.78        3.27897  (13051303)                401488.88
3781528.78        3.31243  (13051303)
        401508.88    3781528.78        3.10245  (13100421)                401528.88
3781528.78        3.06385  (13100421)
        401548.88    3781528.78        3.12238  (16102221)                401568.88
3781528.78        3.19019  (16102221)
        401588.88    3781528.78        3.26217  (16102221)                401608.88
3781528.78        3.33929  (16102221)
        401628.88    3781528.78        3.41934  (16102221)                401648.88
3781528.78        3.50417  (16102221)
        401668.88    3781528.78        3.59483  (16102221)                401688.88
3781528.78        3.69178  (16102221)
        401708.88    3781528.78        3.79691  (16102221)                401728.88
3781528.78        3.91216  (16102221)
        401748.88    3781528.78        4.03172  (16102221)                401768.88
3781528.78        4.16735  (16102221)
        401788.88    3781528.78        4.31748  (16102221)                401808.88
3781528.78        4.48202  (16102221)
        401828.88    3781528.78        4.69248  (12022717)                401848.88
3781528.78        5.01094  (12022717)
        401868.88    3781528.78        5.35187  (12022717)                401888.88
3781528.78        5.71005  (12022717)
        401908.88    3781528.78        6.08304  (12022717)                401928.88
3781528.78        6.48217  (12022717)
        401948.88    3781528.78        6.89969  (12022717)                401968.88
3781528.78        7.32377  (12022717)
        401988.88    3781528.78        7.76309  (12022717)                402008.88
3781528.78        8.35294  (15120908)
        402028.88    3781528.78        9.21020  (15120908)                402048.88
3781528.78       10.20309  (15120908)
        402068.88    3781528.78       11.36152  (15120908)                402088.88
3781528.78       12.64898  (15120908)
        402108.88    3781528.78       14.05120  (15120908)                402128.88
3781528.78       15.47656  (15120908)
        402148.88    3781528.78       16.82212  (15120908)                402168.88
3781528.78       18.00420  (15120908)
        402188.88    3781528.78       19.07198  (15120908)                402208.88
3781528.78       19.89654  (15120908)
        402228.88    3781528.78       21.00233  (15120908)                402248.88
3781528.78       22.06212  (15120908)
        402268.88    3781528.78       23.14605  (15120908)                402288.88
3781528.78       24.22023  (15120908)
        402308.88    3781528.78       25.00598  (15120908)                402328.88
3781528.78       25.63368  (15120908)
        402348.88    3781528.78       26.81424  (15120908)                402368.88
3781528.78       26.73166  (15120908)
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
               L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
               L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
               L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402388.88   3781528.78   27.19699 (12031616)   402408.88
3781528.78   28.33638 (12031616)
        402428.88   3781528.78   29.08713 (12031616)   402448.88
3781528.78   29.40767 (12031616)
        402468.88   3781528.78   32.28809 (12031616)   402488.88
3781528.78   31.87378 (12031616)
        402508.88   3781528.78   28.87462 (12031616)   401308.88
3781548.78   3.59322 (13051303)
        401328.88   3781548.78   3.69501 (13051303)   401348.88
3781548.78   3.70574 (13051303)
        401368.88   3781548.78   3.65520 (13051303)   401388.88
3781548.78   3.60948 (13051303)
        401408.88   3781548.78   3.70519 (13051303)   401428.88
3781548.78   3.75292 (13051303)
        401448.88   3781548.78   3.70495 (13051303)   401468.88
3781548.78   3.60692 (13051303)
        401488.88   3781548.78   3.66362 (13051303)   401508.88
3781548.78   3.34529 (13100421)
        401528.88   3781548.78   3.40442 (13100421)   401548.88
3781548.78   3.12013 (16102221)
        401568.88   3781548.78   3.18874 (16102221)   401588.88
3781548.78   3.26090 (16102221)
        401608.88   3781548.78   3.33709 (16102221)   401628.88
3781548.78   3.41880 (16102221)
        401648.88   3781548.78   3.50647 (16102221)   401668.88

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3781548.78          3.59924  (16102221)
        401688.88    3781548.78          3.70354  (12120215)          401708.88
3781548.78          3.87580  (12120215)
        401728.88    3781548.78          4.06019  (12120215)          401748.88
3781548.78          4.25834  (12120215)
        401768.88    3781548.78          4.47221  (12120215)          401788.88
3781548.78          4.70287  (12120215)
        401808.88    3781548.78          4.95207  (12120215)          401828.88
3781548.78          5.22233  (12120215)
        401848.88    3781548.78          5.51545  (12120215)          401868.88
3781548.78          5.83347  (12120215)
        401888.88    3781548.78          6.18003  (12120215)          401908.88
3781548.78          6.55568  (12120215)
        401928.88    3781548.78          6.96772  (12120215)          401948.88
3781548.78          7.41714  (12120215)
        401968.88    3781548.78          7.90887  (12120215)          401988.88
3781548.78          8.50780  (12022717)
        402008.88    3781548.78          9.16898  (12022717)          402028.88
3781548.78         10.01145  (15120908)
        402048.88    3781548.78         11.32305  (15120908)          402068.88
3781548.78         12.88947  (15120908)
        402088.88    3781548.78         14.72512  (15120908)          402108.88
3781548.78         16.88113  (15120908)
        402128.88    3781548.78         19.06549  (15120908)          402148.88
3781548.78         21.10129  (15120908)
        402168.88    3781548.78         22.85925  (15120908)          402188.88
3781548.78         24.17176  (15120908)
        402208.88    3781548.78         25.30161  (15120908)          402228.88
3781548.78         26.83595  (15120908)
        402248.88    3781548.78         28.49853  (15120908)          402268.88
3781548.78         30.58808  (15120908)
        402288.88    3781548.78         32.91586  (15120908)          402308.88
3781548.78         34.46465  (15120908)
        402328.88    3781548.78         35.83533  (15120908)          402348.88
3781548.78         42.06041  (12031616)
        402368.88    3781548.78         41.21660  (12031616)          402388.88
3781548.78         43.40524  (12031616)
        402408.88    3781548.78         43.94229  (12031616)          402428.88
3781548.78         44.04055  (12031616)
        402448.88    3781548.78         43.52040  (12031616)          402468.88
3781548.78         45.08811  (12031616)
        402488.88    3781548.78         53.21112  (12031616)          402508.88
3781548.78         43.68808  (12031616)
        401308.88    3781568.78          3.88860  (13051303)          401328.88
3781568.78          4.06259  (13051303)
        401348.88    3781568.78          4.03952  (13051303)          401368.88
3781568.78          3.95223  (13051303)
        401388.88    3781568.78          3.96002  (13051303)          401408.88
3781568.78          3.98381  (13051303)
        401428.88    3781568.78          4.03368  (13051303)          401448.88
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3781568.78          3.99201  (13051303)
        401468.88   3781568.78          3.93063  (13051303)                401488.88
3781568.78          3.94535  (13100421)
        401508.88   3781568.78          3.69941  (13100421)                401528.88
3781568.78          3.69084  (13100421)
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 349

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                          INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401548.88   3781568.78   3.44080 (13100421)   401568.88
3781568.78   3.44333 (13100421)
        401588.88   3781568.78   3.40620 (13100421)   401608.88
3781568.78   3.49340 (12120215)
        401628.88   3781568.78   3.65390 (12120215)   401648.88
3781568.78   3.82615 (12120215)
        401668.88   3781568.78   4.00850 (12120215)   401688.88
3781568.78   4.20724 (12120215)
        401708.88   3781568.78   4.42191 (12120215)   401728.88
3781568.78   4.65914 (12120215)
        401748.88   3781568.78   4.90970 (12120215)   401768.88
3781568.78   5.18966 (12120215)
        401788.88   3781568.78   5.49388 (12120215)   401808.88
3781568.78   5.82571 (12120215)
        401828.88   3781568.78   6.19050 (12120215)   401848.88
3781568.78   6.59279 (12120215)

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    401868.88   3781568.78       7.03668  (12120215)           401888.88
3781568.78        7.53393  (12120215)
    401908.88   3781568.78       8.07061  (12120215)           401928.88
3781568.78        8.67559  (12120215)
    401948.88   3781568.78       9.37966  (12120215)           401968.88
3781568.78       10.16788  (12120215)
    401988.88   3781568.78      11.06135  (12120215)           402008.88
3781568.78       12.06961  (12120215)
    402028.88   3781568.78      13.25678  (12120215)           402048.88
3781568.78       14.64800  (12120215)
    402068.88   3781568.78      16.06965  (12120215)           402088.88
3781568.78       17.77643  (15120908)
    402108.88   3781568.78      21.40090  (15120908)           402128.88
3781568.78       25.31487  (15120908)
    402148.88   3781568.78      28.90882  (15120908)           402168.88
3781568.78       31.63927  (15120908)
    402188.88   3781568.78      33.61183  (15120908)           402208.88
3781568.78       34.92500  (15120908)
    402228.88   3781568.78      37.36017  (15120908)           402248.88
3781568.78       40.69961  (15120908)
    402268.88   3781568.78      46.19980  (15120908)           402288.88
3781568.78       53.16216  (15120908)
    402308.88   3781568.78      59.55860  (12031616)           402328.88
3781568.78       70.71064  (12031616)
    402348.88   3781568.78      82.68161  (12031616)           402368.88
3781568.78       78.57141  (12031616)
    402388.88   3781568.78      78.85030  (12031616)           402408.88
3781568.78       79.32061  (12031616)
    402428.88   3781568.78      82.34416  (12031616)           402448.88
3781568.78       78.91629  (12031616)
    402468.88   3781568.78      76.90388  (12031616)           402488.88
3781568.78       88.10521  (12120116)
    402508.88   3781568.78      90.93939  (12120116)           401308.88
3781588.78        4.26745  (13051303)
    401328.88   3781588.78       4.34152  (13051303)           401348.88
3781588.78        4.42102  (13051303)
    401368.88   3781588.78       4.23146  (13051303)           401388.88
3781588.78        4.25799  (13100421)
    401408.88   3781588.78       4.47446  (13051303)           401428.88
3781588.78        4.46638  (13051303)
    401448.88   3781588.78       4.40186  (13100421)           401468.88
3781588.78        4.29431  (13100421)
    401488.88   3781588.78       4.48081  (13100421)           401508.88
3781588.78        4.20104  (13100421)
    401528.88   3781588.78       4.09231  (13100421)           401548.88
3781588.78        3.88921  (13100421)
    401568.88   3781588.78       3.93682  (13100421)           401588.88
3781588.78        3.95966  (13100421)
    401608.88   3781588.78       3.86784  (12120215)           401628.88
3781588.78        4.05647  (12120215)
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        401648.88   3781588.78        4.26065  (12120215)                401668.88
3781588.78        4.47702  (12120215)
        401688.88   3781588.78        4.71653  (12120215)                401708.88
3781588.78        4.97794  (12120215)
        401728.88   3781588.78        5.26861  (12120215)                401748.88
3781588.78        5.57957  (12120215)
        401768.88   3781588.78        5.93402  (12120215)                401788.88
3781588.78        6.32555  (12120215)
        401808.88   3781588.78        6.75974  (12120215)                401828.88
3781588.78        7.24092  (12120215)
        401848.88   3781588.78        7.76083  (12120215)                401868.88
3781588.78        8.32867  (12120215)
        401888.88   3781588.78        9.01441  (12120215)                401908.88
3781588.78        9.74471  (12120215)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                                PAGE 350
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                  L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                  L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                  L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401928.88   3781588.78   10.57772 (12120215)   401948.88
3781588.78   11.59670 (12120215)
        401968.88   3781588.78   12.78531 (12120215)   401988.88
3781588.78   14.17793 (12120215)
        402008.88   3781588.78   15.88257 (12120215)   402028.88
3781588.78   17.97962 (12120215)
        402048.88   3781588.78   20.56471 (12120215)   402068.88
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3781588.78        23.99404  (12120215)
       402088.88   3781588.78       28.35926  (12120215)                402108.88
3781588.78        33.69428  (12120215)
       402128.88   3781588.78       40.40774  (12120215)                402148.88
3781588.78        48.27823  (15120908)
       402168.88   3781588.78       53.82313  (15120908)                402188.88
3781588.78        56.42983  (15120908)
       402208.88   3781588.78       58.75213  (12031616)                402228.88
3781588.78        65.14916  (12120215)
       402248.88   3781588.78       76.52416  (12033117)                402268.88
3781588.78       101.36135  (12031615)
       402288.88   3781588.78      130.83424  (12033117)                402308.88
3781588.78       143.05351  (12120116)
       402328.88   3781588.78      138.32209  (12033117)                402348.88
3781588.78       140.41398  (12033117)
       402368.88   3781588.78      139.74681  (12033117)                402388.88
3781588.78       135.01652  (12033117)
       402408.88   3781588.78      144.94007  (12033117)                402428.88
3781588.78       130.72914  (12033117)
       402448.88   3781588.78      137.22652  (12043018)                402468.88
3781588.78       133.30042  (12043018)
       402488.88   3781588.78      140.60794  (12043018)                402508.88
3781588.78       138.42471  (12043018)
       401308.88   3781608.78        4.53776  (12010423)                401328.88
3781608.78         4.63133  (12010423)
       401348.88   3781608.78        4.69781  (12010423)                401368.88
3781608.78         4.58860  (12010423)
       401388.88   3781608.78        4.72371  (12010423)                401408.88
3781608.78         4.82699  (12010423)
       401428.88   3781608.78        4.79465  (13100421)                401448.88
3781608.78         4.64821  (13100421)
       401468.88   3781608.78        4.62876  (13100421)                401488.88
3781608.78         4.77974  (13100421)
       401508.88   3781608.78        4.57143  (13100421)                401528.88
3781608.78         4.56621  (13100421)
       401548.88   3781608.78        4.27908  (13100421)                401568.88
3781608.78         4.27676  (13100421)
       401588.88   3781608.78        4.29543  (13100421)                401608.88
3781608.78         4.26853  (12033117)
       401628.88   3781608.78        4.51198  (12033117)                401648.88
3781608.78         4.77570  (12033117)
       401668.88   3781608.78        5.07107  (12033117)                401688.88
3781608.78         5.37469  (12033117)
       401708.88   3781608.78        5.70977  (12033117)                401728.88
3781608.78         6.07973  (12033117)
       401748.88   3781608.78        6.48921  (12033117)                401768.88
3781608.78         6.94609  (12033117)
       401788.88   3781608.78        7.45655  (12033117)                401808.88
3781608.78         8.02915  (12033117)
       401828.88   3781608.78        8.67027  (12033117)                401848.88
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     3781608.78          9.40282  (12033117)
          401868.88    3781608.78         10.22347  (12033117)                    401888.88
     3781608.78         11.18992  (12033117)
          401908.88    3781608.78         12.30338  (12033117)                    401928.88
     3781608.78         13.51307  (12033117)
          401948.88    3781608.78         15.04715  (12033117)                    401968.88
     3781608.78         16.86908  (12033117)
          401988.88    3781608.78         19.20602  (12033117)                    402008.88
     3781608.78         22.06382  (12033117)
          402028.88    3781608.78         25.76507  (12033117)                    402048.88
     3781608.78         31.01554  (12033117)
          402068.88    3781608.78         38.93196  (12033117)                    402088.88
     3781608.78         50.82930  (12033117)
          402108.88    3781608.78         73.14438  (12033117)                    402128.88
     3781608.78        101.66627  (12033117)
          402148.88    3781608.78        134.24897  (12033117)                    402168.88
     3781608.78        141.08172  (12033117)
          402188.88    3781608.78        136.97611  (12033117)                    402208.88
     3781608.78        144.90952  (12033117)
          402228.88    3781608.78        149.56603  (12033117)                    402248.88
     3781608.78        139.35358  (15120908)
          402268.88    3781608.78        106.57732  (12043018)                    402288.88
     3781608.78         86.37515  (12121716)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                                ***   05:36:20

                              PAGE 351
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                    L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                    L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                    L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)

- -
- -
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       402308.88   3781608.78      64.73540  (12043018)              402328.88
3781608.78      59.13195  (12033117)
       402348.88   3781608.78      67.03804  (12121716)              402368.88
3781608.78      64.88188  (12033117)
       402388.88   3781608.78      67.26706  (12121716)              402408.88
3781608.78      69.80028  (12121716)
       402428.88   3781608.78      70.80535  (12121716)              402448.88
3781608.78      70.99279  (12121716)
       402468.88   3781608.78      71.14934  (12043018)              402488.88
3781608.78      71.64154  (12121716)
       402508.88   3781608.78      71.69660  (12043018)              401308.88
3781628.78       4.77322  (15063020)
       401328.88   3781628.78       4.86606  (15063020)              401348.88
3781628.78       4.93861  (15063020)
       401368.88   3781628.78       4.92625  (12010423)              401388.88
3781628.78       5.00353  (12010423)
       401408.88   3781628.78       5.08822  (12010423)              401428.88
3781628.78       5.05957  (12010423)
       401448.88   3781628.78       5.01446  (13100421)              401468.88
3781628.78       4.92300  (13100421)
       401488.88   3781628.78       5.03744  (13100421)              401508.88
3781628.78       4.76329  (13100421)
       401528.88   3781628.78       4.85503  (13100421)              401548.88
3781628.78       4.56557  (13100421)
       401568.88   3781628.78       4.59775  (13100421)              401588.88
3781628.78       4.72153  (12033117)
       401608.88   3781628.78       4.99185  (12033117)              401628.88
3781628.78       5.29373  (12033117)
       401648.88   3781628.78       5.61437  (12033117)              401668.88
3781628.78       5.96321  (12033117)
       401688.88   3781628.78       6.34249  (12033117)              401708.88
3781628.78       6.76821  (12033117)
       401728.88   3781628.78       7.23663  (12033117)              401748.88
3781628.78       7.76547  (12033117)
       401768.88   3781628.78       8.35589  (12033117)              401788.88
3781628.78       9.02230  (12033117)
       402128.88   3781628.78     133.17885  (12031615)              402148.88
3781628.78      94.24094  (12033117)
       402168.88   3781628.78      88.82970  (12033117)              402188.88
3781628.78      83.70099  (12033117)
       402208.88   3781628.78      74.74549  (12033117)              402228.88
3781628.78      65.67667  (12071919)
       402248.88   3781628.78      59.82866  (12121716)              402268.88
3781628.78      53.23164  (12121716)
       402288.88   3781628.78      45.72452  (12121716)              402308.88
3781628.78      36.54210  (12043018)
       402328.88   3781628.78      34.50625  (12043018)              402348.88
3781628.78      41.83276  (12071919)
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        402368.88    3781628.78        40.45835  (12071919)                    402388.88
3781628.78        35.29665  (12071919)
        402408.88    3781628.78        34.90380  (12071919)                    402428.88
3781628.78        42.13547  (12071919)
        402448.88    3781628.78        42.70617  (12071919)                    402468.88
3781628.78        43.46978  (12071919)
        402488.88    3781628.78        44.34337  (12071919)                    402508.88
3781628.78        44.03607  (12071919)
        401308.88    3781648.78         5.17307  (15063020)                    401328.88
3781648.78         5.20656  (15063020)
        401348.88    3781648.78         5.28279  (15063020)                    401368.88
3781648.78         5.34466  (15063020)
        401388.88    3781648.78         5.31215  (15063020)                    401408.88
3781648.78         5.29198  (15063020)
        401428.88    3781648.78         5.30949  (15071823)                    401448.88
3781648.78         5.33742  (15071823)
        401468.88    3781648.78         5.29981  (15071823)                    401488.88
3781648.78         5.24376  (15071823)
        401508.88    3781648.78         5.12497  (15071823)                    401528.88
3781648.78         4.98822  (15071823)
        401548.88    3781648.78         4.87634  (12033117)                    401568.88
3781648.78         5.14849  (12033117)
        401588.88    3781648.78         5.44144  (12033117)                    401608.88
3781648.78         5.76146  (12033117)
        401628.88    3781648.78         6.09746  (12033117)                    401648.88
3781648.78         6.47605  (12033117)
        401668.88    3781648.78         6.88910  (12033117)                    401688.88
3781648.78         7.33675  (12033117)
        401708.88    3781648.78         7.84779  (12033117)                    401728.88
3781648.78         8.40600  (12033117)
        401748.88    3781648.78         9.05082  (12033117)                    401768.88
3781648.78         9.75564  (12033117)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                                    ***   05:36:20

                              PAGE 352
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                    L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                    L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                    L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                         ** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401788.88	3781648.78	10.57067	(12033117)	402108.88	3781648.78	111.47307	(15120908)
402128.88	3781648.78	70.07304	(15120908)	402148.88	3781648.78	48.58588	(12033117)
402168.88	3781648.78	42.73137	(12033117)	402188.88	3781648.78	38.12846	(12033117)
402208.88	3781648.78	37.88931	(12071919)	402228.88	3781648.78	38.53006	(12071919)
402248.88	3781648.78	39.02349	(12071919)	402268.88	3781648.78	31.36272	(12121716)
402288.88	3781648.78	27.26020	(12121716)	402308.88	3781648.78	26.30829	(12121716)
402328.88	3781648.78	28.25389	(12121716)	402348.88	3781648.78	28.29201	(12071919)
402368.88	3781648.78	27.89282	(12071919)	402388.88	3781648.78	25.55490	(15120908)
402408.88	3781648.78	24.93766	(15120908)	402428.88	3781648.78	26.71984	(12071919)
402448.88	3781648.78	27.32648	(12071919)	402468.88	3781648.78	28.21596	(12071919)
402488.88	3781648.78	28.95733	(12071919)	402508.88	3781648.78	29.83907	(12071919)
401308.88	3781668.78	5.47958	(15063020)	401328.88	3781668.78	5.56539	(15063020)
401348.88	3781668.78	5.65430	(15063020)	401368.88	3781668.78	5.73884	(15063020)
401388.88	3781668.78	5.74457	(15063020)	401408.88	3781668.78	5.68540	(15063020)
401428.88	3781668.78	5.66639	(15063020)	401448.88	3781668.78	5.64620	(15071823)
401468.88	3781668.78	5.59033	(15071823)	401488.88	3781668.78	5.54000	(15071823)
401508.88	3781668.78	5.43244	(15071823)	401528.88	3781668.78	5.40161	(15071823)
401548.88	3781668.78	5.50890	(12033117)	401568.88	3781668.78	5.82107	(12033117)
401588.88	3781668.78	6.14930	(12033117)	401608.88	3781668.78	6.51401	(12033117)
401628.88	3781668.78	6.87851	(12033117)	401648.88			

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3781668.78        7.29919  (12033117)
        401668.88   3781668.78        7.77643  (12033117)                401688.88
3781668.78        8.28047  (12033117)
        401708.88   3781668.78        8.88104  (12033117)                401728.88
3781668.78        9.49569  (12033117)
        401748.88   3781668.78       10.24895  (12033117)                401768.88
3781668.78       11.05153  (12033117)
        401788.88   3781668.78       11.92838  (12033117)                402108.88
3781668.78      102.00785  (12031615)
        402128.88   3781668.78       50.29755  (12121716)                402148.88
3781668.78       35.42514  (12121716)
        402168.88   3781668.78       29.48782  (15120908)                402188.88
3781668.78       27.41004  (15120908)
        402208.88   3781668.78       26.33274  (15120908)                402228.88
3781668.78       25.67610  (15120908)
        402248.88   3781668.78       25.34768  (12071919)                402268.88
3781668.78       21.79558  (12071919)
        402288.88   3781668.78       19.96458  (12071919)                402308.88
3781668.78       19.08241  (12121716)
        402328.88   3781668.78       21.57897  (12071919)                402348.88
3781668.78       21.83766  (12071919)
        402368.88   3781668.78       21.51621  (15120908)                402388.88
3781668.78       21.23116  (15120908)
        402408.88   3781668.78       20.39708  (15120908)                402428.88
3781668.78       21.01863  (15120908)
        402448.88   3781668.78       21.18114  (12022708)                402468.88
3781668.78       21.43851  (12022708)
        402488.88   3781668.78       21.59540  (12022708)                402508.88
3781668.78       21.85999  (12022708)
        401308.88   3781688.78        5.57393  (15063020)                401328.88
3781688.78        5.67610  (15063020)
        401348.88   3781688.78        5.75302  (15063020)                401368.88
3781688.78        5.84827  (15063020)
        401388.88   3781688.78        5.86531  (15063020)                401408.88
3781688.78        5.81263  (16062001)
        401428.88   3781688.78        5.73342  (16062001)                401448.88
3781688.78        5.70420  (16062001)
        401468.88   3781688.78        5.69048  (12100121)                401488.88
3781688.78        5.68071  (12100121)
        401508.88   3781688.78        5.60263  (12100121)                401528.88
3781688.78        5.78516  (12033117)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 353
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

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VALUES FOR SOURCE GROUP:  TRUCK     ***
                              INCLUDING SOURCE(S):    L0000894   , L0000895
, L0000896    , L0000897    , L0000898    ,
                    L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                    L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                    L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,


                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **


     X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)          X-COORD (M)
Y-COORD (M)        CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        401548.88   3781688.78        6.09189 (12033117)            401568.88
3781688.78        6.42092 (12033117)
        401588.88   3781688.78        6.77103 (12033117)            401608.88
3781688.78        7.15425 (12033117)
        401628.88   3781688.78        7.56587 (12033117)            401648.88
3781688.78        8.02153 (12033117)
        401668.88   3781688.78        8.51176 (12033117)            401688.88
3781688.78        9.05895 (12033117)
        401708.88   3781688.78        9.67752 (12033117)            401728.88
3781688.78       10.36195 (12033117)
        401748.88   3781688.78       11.17286 (12033117)            401768.88
3781688.78       11.99526 (12033117)
        401788.88   3781688.78       12.86708 (12033117)            402088.88
3781688.78       92.69588 (15120908)
        402108.88   3781688.78       60.31208 (12071919)            402128.88
3781688.78       38.46273 (12071919)
        402148.88   3781688.78       28.41470 (12071919)            402168.88
3781688.78       23.35497 (12071919)
        402188.88   3781688.78       21.67826 (15120908)            402208.88
3781688.78       20.92028 (15120908)
        402228.88   3781688.78       20.16137 (15120908)            402248.88
3781688.78       19.00440 (15120908)
        402268.88   3781688.78       18.39885 (15120908)            402288.88
3781688.78       15.75889 (15120908)
        402308.88   3781688.78       15.77310 (15120908)            402328.88
3781688.78       16.71598 (15120908)
        402348.88   3781688.78       17.59803 (15120908)            402368.88
3781688.78       18.03461 (15120908)
        402388.88   3781688.78       17.61540 (15120908)            402408.88
3781688.78       17.44428 (14102506)
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```
    402428.88    3781688.78        17.61526   (14102506)              402448.88
3781688.78       17.76127   (12022708)
    402468.88    3781688.78        17.97751   (12022708)              402488.88
3781688.78       18.15892   (12022708)
    402508.88    3781688.78        18.32313   (12022708)              401308.88
3781708.78        6.03136   (16062001)
    401328.88    3781708.78         6.18103   (16062001)              401348.88
3781708.78        6.27252   (16062001)
    401368.88    3781708.78         6.37455   (16062001)              401388.88
3781708.78        6.40955   (16062001)
    401408.88    3781708.78         6.43412   (16062001)              401428.88
3781708.78        6.46214   (16062001)
    401448.88    3781708.78         6.42576   (16062001)              401468.88
3781708.78        6.39741   (16062001)
    401488.88    3781708.78         6.28434   (16062001)              401508.88
3781708.78        6.21508   (12100121)
    401528.88    3781708.78         6.26472   (12033117)              401548.88
3781708.78        6.56720   (12033117)
    401568.88    3781708.78         6.90304   (12033117)              401588.88
3781708.78        7.25871   (12033117)
    401608.88    3781708.78         7.65675   (12033117)              401628.88
3781708.78        8.09351   (12033117)
    401648.88    3781708.78         8.56183   (12033117)              401668.88
3781708.78        9.08996   (12033117)
    401688.88    3781708.78         9.59043   (12033117)              401708.88
3781708.78       10.24094   (12033117)
    401728.88    3781708.78        10.86440   (12033117)              401748.88
3781708.78       11.64087   (12033117)
    401768.88    3781708.78        12.43356   (12033117)              401788.88
3781708.78       13.20230   (12033117)
    402088.88    3781708.78        53.92047   (15022217)              402108.88
3781708.78       38.22816   (12071919)
    402128.88    3781708.78        29.37342   (12071919)              402148.88
3781708.78       24.69270   (12071919)
    402168.88    3781708.78        20.64438   (12071919)              402188.88
3781708.78       17.76532   (12071919)
    402208.88    3781708.78        17.27093   (15120908)              402228.88
3781708.78       16.45212   (15120908)
    402248.88    3781708.78        14.75956   (15120908)              402268.88
3781708.78       15.87854   (15120908)
    402288.88    3781708.78        13.63240   (14102506)              402308.88
3781708.78       13.31044   (14102506)
    402328.88    3781708.78        13.76281   (14102506)              402348.88
3781708.78       15.21804   (15120908)
    402368.88    3781708.78        15.50753   (14102506)              402388.88
3781708.78       15.09993   (14102506)
    402408.88    3781708.78        15.36522   (14102506)              402428.88
3781708.78       15.36342   (14102506)
    402448.88    3781708.78        15.41158   (14102506)              402468.88
3781708.78       15.58750   (14102506)
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

                              PAGE 354
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                 *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                 INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                    L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                    L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                    L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402488.88   3781708.78   15.70663 (12022708)   402508.88
3781708.78   15.81720 (12022708)
        401308.88   3781728.78   6.14581 (16062001)   401328.88
3781728.78   6.25545 (16062001)
        401348.88   3781728.78   6.31869 (16062001)   401368.88
3781728.78   6.39571 (16062001)
        401388.88   3781728.78   6.45640 (16062001)   401408.88
3781728.78   6.47423 (16062001)
        401428.88   3781728.78   6.48140 (16062001)   401448.88
3781728.78   6.46226 (16062001)
        401468.88   3781728.78   6.43691 (13090705)   401488.88
3781728.78   6.41126 (13090705)
        401508.88   3781728.78   6.31435 (12033117)   401528.88
3781728.78   6.58937 (12033117)
        401548.88   3781728.78   6.88927 (12033117)   401568.88
3781728.78   7.21865 (12033117)
        401588.88   3781728.78   7.55850 (12033117)   401608.88
3781728.78   7.95801 (12033117)
        401628.88   3781728.78   8.36393 (12033117)   401648.88
3781728.78   8.81242 (12033117)
        401668.88   3781728.78   9.28625 (12033117)   401688.88

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3781728.78          9.78753  (12033117)
        401708.88    3781728.78          10.31029  (12033117)                401728.88
3781728.78         10.88144  (12033117)
        401748.88    3781728.78          11.52256  (12033117)                401768.88
3781728.78         12.15809  (12033117)
        401788.88    3781728.78          12.78915  (12033117)                402088.88
3781728.78         28.93288  (15022217)
        402108.88    3781728.78          20.68074  (16020617)                402128.88
3781728.78         16.83764  (16020617)
        402148.88    3781728.78          17.00097  (12071919)                402168.88
3781728.78         15.64268  (12071919)
        402188.88    3781728.78          14.42843  (15101402)                402208.88
3781728.78         14.12799  (16081403)
        402228.88    3781728.78          13.87048  (14100506)                402248.88
3781728.78         13.57374  (14100506)
        402268.88    3781728.78          13.30379  (14100506)                402288.88
3781728.78         12.99239  (15080504)
        402308.88    3781728.78          12.15510  (15080504)                402328.88
3781728.78         12.92246  (14091502)
        402348.88    3781728.78          13.13810  (14102506)                402368.88
3781728.78         13.61873  (14102506)
        402388.88    3781728.78          13.49005  (14102506)                402408.88
3781728.78         13.72826  (14102506)
        402428.88    3781728.78          13.74256  (14102506)                402448.88
3781728.78         13.78341  (14102506)
        402468.88    3781728.78          13.86782  (14102506)                402488.88
3781728.78         13.97357  (14102506)
        402508.88    3781728.78          14.00911  (14102506)                401308.88
3781748.78          6.21296  (16062001)
        401328.88    3781748.78           6.30281  (16062001)                401348.88
3781748.78          6.37501  (15101202)
        401368.88    3781748.78           6.46022  (13090705)                401388.88
3781748.78          6.53223  (13090705)
        401408.88    3781748.78           6.58471  (13090705)                401428.88
3781748.78          6.63964  (13090705)
        401448.88    3781748.78           6.60117  (13090705)                401468.88
3781748.78          6.64999  (13090705)
        401488.88    3781748.78           6.63373  (12091404)                401508.88
3781748.78          6.51145  (12091404)
        401528.88    3781748.78           6.75984  (12033117)                401548.88
3781748.78          7.02969  (12033117)
        401568.88    3781748.78           7.33561  (12033117)                401588.88
3781748.78          7.64756  (12033117)
        401608.88    3781748.78           8.01106  (12033117)                401628.88
3781748.78          8.37152  (12033117)
        401648.88    3781748.78           8.75308  (12033117)                401668.88
3781748.78          9.15610  (12033117)
        401688.88    3781748.78           9.57127  (12033117)                401708.88
3781748.78          9.98558  (12033117)
        401728.88    3781748.78          10.42392  (12033117)                401748.88
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     3781748.78      10.89015  (12033117)
        401768.88   3781748.78      11.31848  (12033117)              401788.88
3781748.78      11.73219  (12033117)
        402068.88   3781748.78      20.64855  (15022217)              402088.88
3781748.78      17.10782  (15022217)
        402108.88   3781748.78      14.79035  (16062005)              402128.88
3781748.78      14.31110  (13051302)
        402148.88   3781748.78      13.93756  (13051302)              402168.88
3781748.78      13.47306  (16092502)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                             PAGE 355
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                  *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                             INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402188.88   3781748.78   13.01976 (16092502)   402208.88
3781748.78   13.12721 (16100802)
        402228.88   3781748.78   12.80252 (14100506)   402248.88
3781748.78   12.64001 (14100506)
        402268.88   3781748.78   12.27207 (14100506)   402288.88
3781748.78   11.77596 (15080504)
        402308.88   3781748.78   11.18859 (15080504)   402328.88
3781748.78   11.30039 (14091502)
        402348.88   3781748.78   12.11130 (14091502)   402368.88
3781748.78   11.94844 (14091502)
        402388.88   3781748.78   12.10308 (14102506)   402408.88
3781748.78   12.24037 (14102506)
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      402428.88   3781748.78        12.35076  (14102506)                  402448.88
3781748.78        12.19828  (14102506)
      402468.88   3781748.78        12.51120  (14102506)                  402488.88
3781748.78        12.53387  (14102506)
      402508.88   3781748.78        12.64294  (14102506)                  401308.88
3781768.78         6.29147  (13090705)
      401328.88   3781768.78         6.39355  (13090705)                  401348.88
3781768.78         6.47752  (13090705)
      401368.88   3781768.78         6.58239  (13090705)                  401388.88
3781768.78         6.62468  (13090705)
      401408.88   3781768.78         6.71343  (12091404)                  401428.88
3781768.78         6.80579  (12091404)
      401448.88   3781768.78         6.81242  (12091404)                  401468.88
3781768.78         6.88040  (12091404)
      401488.88   3781768.78         6.91117  (12091404)                  401508.88
3781768.78         6.80724  (12091404)
      401528.88   3781768.78         6.73564  (12033117)                  401548.88
3781768.78         6.97757  (12033117)
      401568.88   3781768.78         7.22975  (12033117)                  401588.88
3781768.78         7.49957  (12033117)
      401608.88   3781768.78         7.78303  (12033117)                  401628.88
3781768.78         8.06995  (12033117)
      401648.88   3781768.78         8.36592  (12033117)                  401668.88
3781768.78         8.65533  (12033117)
      401688.88   3781768.78         8.95125  (12033117)                  401708.88
3781768.78         9.24023  (12033117)
      401728.88   3781768.78         9.52325  (12033117)                  401748.88
3781768.78         9.78363  (12033117)
      401768.88   3781768.78        10.00655  (12033117)                  401788.88
3781768.78        10.19629  (12033117)
      402068.88   3781768.78        15.04121  (15022217)                  402088.88
3781768.78        12.95019  (16062005)
      402108.88   3781768.78        12.99667  (13051302)                  402128.88
3781768.78        12.44643  (16092618)
      402148.88   3781768.78        12.15247  (16092618)                  402168.88
3781768.78        11.94437  (16092618)
      402188.88   3781768.78        11.82384  (12091402)                  402208.88
3781768.78        12.04024  (14091902)
      402228.88   3781768.78        11.55559  (14100506)                  402248.88
3781768.78        11.56091  (14100506)
      402268.88   3781768.78        11.22154  (14100506)                  402288.88
3781768.78        10.84172  (14100506)
      402308.88   3781768.78        10.66057  (13090623)                  402328.88
3781768.78        10.72154  (13090623)
      402348.88   3781768.78        10.77055  (14091502)                  402368.88
3781768.78        11.09073  (14091502)
      402388.88   3781768.78        11.02372  (14091502)                  402408.88
3781768.78        10.81189  (14102506)
      402428.88   3781768.78        10.91437  (14102506)                  402448.88
3781768.78        11.22826  (14102506)
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       402468.88   3781768.78       11.44266  (14102506)                   402488.88
3781768.78       11.50827  (14102506)
       402508.88   3781768.78       11.61366  (14102506)                   401308.88
3781788.78        6.94884  (14092424)
       401328.88   3781788.78        7.05636  (14092424)                   401348.88
3781788.78        7.08873  (14092424)
       401368.88   3781788.78        7.09879  (15092103)                   401388.88
3781788.78        7.13921  (15092103)
       401408.88   3781788.78        7.11043  (15092103)                   401428.88
3781788.78        7.22195  (15092103)
       401448.88   3781788.78        7.11842  (12091404)                   401468.88
3781788.78        7.16141  (12091404)
       401488.88   3781788.78        7.22228  (12091404)                   401508.88
3781788.78        7.16368  (12091404)
       401528.88   3781788.78        6.84776  (12091404)                   401548.88
3781788.78        6.72980  (12033117)
       401568.88   3781788.78        6.92300  (12033117)                   401588.88
3781788.78        7.13227  (12033117)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                                 PAGE 356
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                   L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                   L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                   L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                *** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
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       401608.88   3781788.78   7.33845 (12033117)   401628.88
3781788.78   7.54005 (12033117)
       401648.88   3781788.78   7.73439 (16072305)   401668.88
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3781788.78        8.10863  (16072305)
       401688.88    3781788.78        8.68601  (16072305)              401708.88
3781788.78        9.08257  (15090901)
       401728.88    3781788.78        9.40798  (15090901)              401748.88
3781788.78        9.90801  (15090901)
       401768.88    3781788.78        9.73473  (15090901)              401788.88
3781788.78        9.87032  (15090901)
       402068.88    3781788.78       11.80753  (16062005)              402088.88
3781788.78       11.83369  (16062005)
       402108.88    3781788.78       11.56825  (16062005)              402128.88
3781788.78       11.33849  (16092618)
       402148.88    3781788.78       11.09798  (16092618)              402168.88
3781788.78       11.05679  (12091402)
       402188.88    3781788.78       10.96198  (12091402)              402208.88
3781788.78       11.33681  (14100506)
       402228.88    3781788.78       10.36891  (14100506)              402248.88
3781788.78       10.44769  (14100506)
       402268.88    3781788.78       10.21892  (14100506)              402288.88
3781788.78       10.17000  (13090706)
       402308.88    3781788.78       10.23217  (13090706)              402328.88
3781788.78       10.24780  (13090706)
       402348.88    3781788.78       10.26269  (13090706)              402368.88
3781788.78       10.55006  (14091502)
       402388.88    3781788.78       10.44115  (13082524)              402408.88
3781788.78       10.16781  (13082524)
       402428.88    3781788.78       10.27572  (13090706)              402448.88
3781788.78       10.42449  (15090806)
       402468.88    3781788.78       10.64569  (13090603)              402488.88
3781788.78       10.95008  (13090603)
       402508.88    3781788.78       11.16848  (15092105)              401308.88
3781808.78        7.04053  (15092103)
       401328.88    3781808.78        7.17095  (15092103)              401348.88
3781808.78        7.25072  (15092103)
       401368.88    3781808.78        7.32146  (15092103)              401388.88
3781808.78        7.39785  (15092103)
       401408.88    3781808.78        7.46247  (14091604)              401428.88
3781808.78        7.46728  (14091604)
       401448.88    3781808.78        7.40360  (14091604)              401468.88
3781808.78        7.36645  (14091604)
       401488.88    3781808.78        7.32726  (15092106)              401508.88
3781808.78        7.27790  (16102305)
       401528.88    3781808.78        7.07579  (16072305)              401548.88
3781808.78        7.01484  (16072305)
       401568.88    3781808.78        7.20433  (16072305)              401588.88
3781808.78        7.38555  (16072305)
       401608.88    3781808.78        7.59241  (16072305)              401628.88
3781808.78        7.96469  (16072305)
       401648.88    3781808.78        8.64282  (16072305)              401668.88
3781808.78        9.00722  (15090901)
       401688.88    3781808.78        9.26596  (15090901)              401708.88
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3781808.78        9.47291 (15090901)
        401728.88    3781808.78        9.68477  (15090901)                    401748.88
3781808.78        9.86334 (15090901)
        401768.88    3781808.78       10.02964  (15090901)                    401788.88
3781808.78        9.95833 (13082905)
        402068.88    3781808.78       10.96463  (16062005)                    402088.88
3781808.78       10.85058 (13082701)
        402108.88    3781808.78       10.88445  (15101402)                    402128.88
3781808.78       10.84648 (16092502)
        402148.88    3781808.78       10.33960  (12091402)                    402168.88
3781808.78       10.33615 (12091402)
        402188.88    3781808.78       10.22583  (12091402)                    402208.88
3781808.78       10.81091 (14100506)
        402228.88    3781808.78        9.87884  (14100506)                    402248.88
3781808.78        9.68724 (13090706)
        402268.88    3781808.78        9.71004  (14100506)                    402288.88
3781808.78        9.75960 (13090706)
        402308.88    3781808.78        9.75597  (13083005)                    402328.88
3781808.78        9.75459 (13090603)
        402348.88    3781808.78        9.78721  (13090603)                    402368.88
3781808.78       10.13811 (14091502)
        402388.88    3781808.78        9.93291  (13082524)                    402408.88
3781808.78        9.71815 (13090603)
        402428.88    3781808.78        9.97576  (13090603)                    402448.88
3781808.78       10.15289 (13090603)
        402468.88    3781808.78       10.29839  (12100202)                    402488.88
3781808.78       10.56500 (15092105)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 357
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                        INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                        ** CONC OF PM_10   IN MICROGRAMS/M**3

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               **


      X-COORD (M)  Y-COORD (M)      CONC    (YYMMDDHH)              X-COORD (M)
   Y-COORD (M)      CONC    (YYMMDDHH)
   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         402508.88   3781808.78      10.70246  (13090605)              401308.88
3781828.78       7.08084  (14091604)
         401328.88   3781828.78       7.16921  (14091604)              401348.88
3781828.78       7.24940  (14091604)
         401368.88   3781828.78       7.32661  (14091604)              401388.88
3781828.78       7.39854  (14091604)
         401408.88   3781828.78       7.45441  (14091604)              401428.88
3781828.78       7.50496  (15092106)
         401448.88   3781828.78       7.48161  (15092106)              401468.88
3781828.78       7.40046  (15092106)
         401488.88   3781828.78       7.28518  (15092106)              401508.88
3781828.78       7.31775  (16072305)
         401528.88   3781828.78       7.31000  (16072305)              401548.88
3781828.78       7.28710  (16072305)
         401568.88   3781828.78       7.34619  (16072305)              401588.88
3781828.78       7.65118  (15090901)
         401608.88   3781828.78       8.21282  (15090901)              401628.88
3781828.78       8.59234  (15100821)
         401648.88   3781828.78       8.75323  (15090901)              401668.88
3781828.78       8.92243  (15090901)
         401688.88   3781828.78       9.07885  (15090901)              401708.88
3781828.78       9.21761  (15090901)
         401728.88   3781828.78       9.36540  (15090901)              401748.88
3781828.78       9.51859  (13082905)
         401768.88   3781828.78       9.75503  (13082905)              401788.88
3781828.78       9.85865  (13082905)
         402068.88   3781828.78      10.24604  (15101402)              402088.88
3781828.78      10.13354  (15101402)
         402108.88   3781828.78      10.31479  (12101424)              402128.88
3781828.78      10.27295  (12101424)
         402148.88   3781828.78      10.06595  (16092502)              402168.88
3781828.78       9.80280  (14091902)
         402188.88   3781828.78       9.81654  (14091902)              402208.88
3781828.78      10.15490  (14100506)
         402228.88   3781828.78       9.32271  (14100506)              402248.88
3781828.78       9.31374  (13083005)
         402268.88   3781828.78       9.34340  (13083005)              402288.88
3781828.78       9.35738  (13090603)
         402308.88   3781828.78       9.32441  (13090603)              402328.88
3781828.78       9.25593  (13090603)
         402348.88   3781828.78       9.24870  (14091502)              402368.88
3781828.78       9.52946  (14091502)
         402388.88   3781828.78       9.59405  (14091502)              402408.88
3781828.78       9.50186  (13090603)
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     402428.88    3781828.78       9.76290 (15092105)                402448.88
3781828.78       9.89925 (15092105)
     402468.88    3781828.78      10.01130 (13090605)                402488.88
3781828.78      10.10618 (13090506)
     402508.88    3781828.78      10.22717 (13090506)                401308.88
3781848.78       7.18817 (14091604)
     401328.88    3781848.78       7.27199 (14091604)                401348.88
3781848.78       7.35092 (15092106)
     401368.88    3781848.78       7.43488 (15092106)                401388.88
3781848.78       7.50192 (15092106)
     401408.88    3781848.78       7.56105 (15092106)                401428.88
3781848.78       7.59340 (15092106)
     401448.88    3781848.78       7.58871 (16092902)                401468.88
3781848.78       7.64600 (15091204)
     401488.88    3781848.78       7.50696 (15091204)                401508.88
3781848.78       7.49933 (15091204)
     401528.88    3781848.78       7.46794 (15090901)                401548.88
3781848.78       7.49753 (15090901)
     401568.88    3781848.78       7.80859 (15090901)                401588.88
3781848.78       8.22056 (15100821)
     401608.88    3781848.78       8.41511 (15100821)                401628.88
3781848.78       8.49238 (15091105)
     401648.88    3781848.78       8.58867 (15091105)                401668.88
3781848.78       8.76823 (15091105)
     401688.88    3781848.78       8.98791 (15091105)                401708.88
3781848.78       9.03388 (15091501)
     401728.88    3781848.78       9.14788 (13082905)                401748.88
3781848.78       9.35730 (13090623)
     401768.88    3781848.78       9.70527 (13090623)                401788.88
3781848.78       9.94915 (13090623)
     401908.88    3781848.78      10.28642 (13090603)                401928.88
3781848.78      10.42369 (15092105)
     401948.88    3781848.78      10.44571 (13090605)                401968.88
3781848.78      10.38622 (13090506)
     401988.88    3781848.78      10.34956 (16062005)                402008.88
3781848.78      10.17699 (16062005)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                          PAGE 358
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                         INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,

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                   L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                   L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    , . . .       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


       X-COORD (M)  Y-COORD (M)     CONC     (YYMMDDHH)            X-COORD (M)
   Y-COORD (M)      CONC     (YYMMDDHH)
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
       402028.88   3781848.78      9.97391 (15101402)            402048.88
3781848.78       9.82674 (12101424)
       402068.88   3781848.78      9.72110 (16081403)            402088.88
3781848.78       9.61041 (16100802)
       402108.88   3781848.78      9.49495 (16100802)            402128.88
3781848.78       9.85138 (16081403)
       402148.88   3781848.78      9.92906 (16100802)            402168.88
3781848.78       9.70717 (14091902)
       402188.88   3781848.78      9.60703 (14091902)            402208.88
3781848.78       9.68687 (14091903)
       402228.88   3781848.78      9.85747 (15080504)            402248.88
3781848.78       9.02113 (14100506)
       402268.88   3781848.78      8.97548 (13090603)            402288.88
3781848.78       8.95048 (13090603)
       402308.88   3781848.78      8.88194 (12100202)            402328.88
3781848.78       8.88779 (14091502)
       402348.88   3781848.78      8.96846 (14091502)            402368.88
3781848.78       9.29826 (14091502)
       402388.88   3781848.78      9.30036 (14091502)            402408.88
3781848.78       9.34171 (15092105)
       402428.88   3781848.78      9.46652 (13090605)            402448.88
3781848.78       9.53949 (13090605)
       402468.88   3781848.78      9.65352 (13090506)            402488.88
3781848.78       9.72240 (13090403)
       402508.88   3781848.78      9.82605 (16062005)            401308.88
3781868.78       7.21777 (15092106)
       401328.88   3781868.78      7.33023 (15092106)            401348.88
3781868.78       7.39804 (15092106)
       401368.88   3781868.78      7.45617 (16092902)            401388.88
3781868.78       7.53192 (16092902)
       401408.88   3781868.78      7.62967 (15091204)            401428.88
3781868.78       7.75836 (15091204)
       401448.88   3781868.78      7.79321 (15091204)            401468.88
3781868.78       7.82762 (15091204)
       401488.88   3781868.78      7.68082 (15100821)            401508.88
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3781868.78          7.59569  (15100821)
        401528.88    3781868.78          7.53667  (15090901)                  401548.88
3781868.78          7.59845  (15090901)
        401568.88    3781868.78          7.89022  (15091105)                  401588.88
3781868.78          8.13869  (15091105)
        401608.88    3781868.78          8.24433  (15091105)                  401628.88
3781868.78          8.38261  (15091105)
        401648.88    3781868.78          8.56012  (15091501)                  401668.88
3781868.78          8.69741  (14090905)
        401688.88    3781868.78          8.87394  (14090905)                  401708.88
3781868.78          9.42712  (13090623)
        401728.88    3781868.78          9.40213  (13090623)                  401748.88
3781868.78          9.68298  (13090623)
        401768.88    3781868.78          9.83230  (13090623)                  401788.88
3781868.78          9.87184  (13090623)
        401888.88    3781868.78          9.86403  (12100202)                  401908.88
3781868.78         10.01102  (15092105)
        401928.88    3781868.78          9.98029  (13090605)                  401948.88
3781868.78          9.92920  (13090506)
        401968.88    3781868.78          9.89326  (16062005)                  401988.88
3781868.78          9.76481  (16062005)
        402008.88    3781868.78          9.61322  (15101402)                  402028.88
3781868.78          9.47484  (12101424)
        402048.88    3781868.78          9.38924  (16081403)                  402068.88
3781868.78          9.29126  (16100802)
        402088.88    3781868.78          9.13461  (16100802)                  402108.88
3781868.78          8.98932  (16100802)
        402128.88    3781868.78          9.44026  (16100802)                  402148.88
3781868.78          9.51218  (16100802)
        402168.88    3781868.78          9.56189  (14100506)                  402188.88
3781868.78          9.60468  (14100506)
        402208.88    3781868.78          9.36538  (15080504)                  402228.88
3781868.78          9.49161  (15080504)
        402248.88    3781868.78          8.92369  (14100506)                  402268.88
3781868.78          8.61660  (12100202)
        402288.88    3781868.78          8.58294  (15092105)                  402308.88
3781868.78          8.54669  (14091502)
        402328.88    3781868.78          8.61896  (14091502)                  402348.88
3781868.78          8.69951  (14091502)
        402368.88    3781868.78          9.07123  (14091502)                  402388.88
3781868.78          9.08741  (14091502)
        402408.88    3781868.78          9.06296  (13090506)                  402428.88
3781868.78          9.12777  (13090506)
        402448.88    3781868.78          9.19705  (13090403)                  402468.88
3781868.78          9.30322  (16062005)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402488.88 3781868.78   9.32304 (16062005)   402508.88
3781868.78   9.41217 (14091502)
        401308.88 3781888.78   7.27925 (16092902)   401328.88
3781888.78   7.38214 (16092902)
        401348.88 3781888.78   7.49329 (15091204)   401368.88
3781888.78   7.60873 (15091204)
        401388.88 3781888.78   7.71476 (15091204)   401408.88
3781888.78   7.80259 (15091204)
        401428.88 3781888.78   7.88072 (15091204)   401448.88
3781888.78   7.96914 (15100821)
        401468.88 3781888.78   8.07249 (15100821)   401488.88
3781888.78   7.97628 (15100821)
        401508.88 3781888.78   7.99008 (15100821)   401528.88
3781888.78   7.76600 (15091105)
        401548.88 3781888.78   7.65466 (15091105)   401568.88
3781888.78   7.86139 (15091105)
        401588.88 3781888.78   7.97838 (15091105)   401608.88
3781888.78   8.16930 (15091501)
        401628.88 3781888.78   8.30408 (14090905)   401648.88
3781888.78   8.46378 (15070205)
        401668.88 3781888.78   8.95068 (13090623)   401688.88
3781888.78   9.30567 (13090623)
        401708.88 3781888.78   9.43896 (13090623)   401728.88
3781888.78   9.47739 (13090623)
        401748.88 3781888.78   9.39389 (13090623)   401768.88
3781888.78   9.51327 (13090706)

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    401788.88    3781888.78        9.61853  (13090706)              401808.88
3781888.78        9.65600  (13090706)
    401828.88    3781888.78        9.62335  (13090603)              401848.88
3781888.78        9.59515  (13090603)
    401868.88    3781888.78        9.54893  (12100202)              401888.88
3781888.78        9.59509  (15092105)
    401908.88    3781888.78        9.56763  (13090605)              401928.88
3781888.78        9.51323  (13090506)
    401948.88    3781888.78        9.44876  (16062005)              401968.88
3781888.78        9.29762  (16062005)
    401988.88    3781888.78        9.17259  (15101402)              402008.88
3781888.78        9.13891  (12101424)
    402028.88    3781888.78        9.02061  (15102324)              402048.88
3781888.78        8.95251  (16081403)
    402068.88    3781888.78        8.84778  (16100802)              402088.88
3781888.78        8.69561  (16100802)
    402108.88    3781888.78        8.60512  (12020318)              402128.88
3781888.78        8.54111  (12020318)
    402148.88    3781888.78        8.95694  (16100802)              402168.88
3781888.78        9.14292  (14100506)
    402188.88    3781888.78        9.17803  (14100506)              402208.88
3781888.78        9.23304  (15080504)
    402228.88    3781888.78        9.18463  (15080504)              402248.88
3781888.78        8.66628  (15080504)
    402268.88    3781888.78        8.27650  (15092105)              402288.88
3781888.78        8.25231  (15080504)
    402308.88    3781888.78        8.32627  (14091502)              402328.88
3781888.78        8.40726  (14091502)
    402348.88    3781888.78        8.55272  (14091502)              402368.88
3781888.78        8.86877  (14091502)
    402388.88    3781888.78        8.86621  (14091502)              402408.88
3781888.78        8.86025  (14091502)
    402428.88    3781888.78        8.87559  (14091502)              402448.88
3781888.78        8.92694  (14091502)
    402468.88    3781888.78        9.00097  (14091502)              402488.88
3781888.78        9.12100  (14091502)
    402508.88    3781888.78        9.27722  (14091502)              401308.88
3781908.78        7.22995  (15091204)
    401328.88    3781908.78        7.32271  (15091204)              401348.88
3781908.78        7.40820  (15091204)
    401368.88    3781908.78        7.49185  (13082604)              401388.88
3781908.78        7.60493  (15100821)
    401408.88    3781908.78        7.72942  (15100821)              401428.88
3781908.78        7.84085  (15100821)
    401448.88    3781908.78        7.92421  (15100821)              401468.88
3781908.78        7.97267  (15091105)
    401488.88    3781908.78        8.00124  (15091105)              401508.88
3781908.78        7.92736  (15091105)
    401528.88    3781908.78        7.81049  (15091105)              401548.88
3781908.78        7.86001  (15091501)
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        401568.88   3781908.78        7.98754  (14090905)                401588.88
3781908.78        7.98217  (14090905)
        401608.88   3781908.78        8.10840  (15070205)                401628.88
3781908.78        8.51170  (13090623)
```

⬥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 360
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                          INCLUDING SOURCE(S):    L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
               L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
               L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
               L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .      ,
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                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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     X-COORD (M)  Y-COORD (M)     CONC     (YYMMDDHH)          X-COORD (M)
Y-COORD (M)      CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        401648.88   3781908.78        8.88047  (13090623)                401668.88
3781908.78        9.01215  (13090623)
        401688.88   3781908.78        9.08190  (13090623)                401708.88
3781908.78        9.11355  (13090623)
        401728.88   3781908.78        9.10682  (13090623)                401748.88
3781908.78        9.17969  (13090706)
        401768.88   3781908.78        9.25486  (13090706)                401788.88
3781908.78        9.24955  (15090806)
        401808.88   3781908.78        9.25907  (13090603)                401828.88
3781908.78        9.25561  (13090603)
        401848.88   3781908.78        9.22990  (15092105)                401868.88
3781908.78        9.23279  (15092105)
        401888.88   3781908.78        9.19089  (13090605)                401908.88
3781908.78        9.14187  (13090506)
        401928.88   3781908.78        9.05147  (16062005)                401948.88
3781908.78        8.96305  (16062005)
        401968.88   3781908.78        8.79624  (14100501)                401988.88
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3781908.78        8.74428  (12101424)
      402008.88    3781908.78      8.66856  (15102324)              402028.88
3781908.78        8.66057  (16081403)
      402048.88    3781908.78      8.56345  (15091906)              402068.88
3781908.78        8.44222  (16100802)
      402088.88    3781908.78      8.30706  (16100802)              402108.88
3781908.78        8.24880  (12020318)
      402128.88    3781908.78      8.17914  (12020318)              402148.88
3781908.78        8.39878  (16100802)
      402168.88    3781908.78      8.76770  (14100506)              402188.88
3781908.78        8.68404  (14100506)
      402208.88    3781908.78      8.86331  (15080504)              402228.88
3781908.78        8.84373  (15080504)
      402248.88    3781908.78      8.61719  (15080504)              402268.88
3781908.78        8.04022  (15080504)
      402288.88    3781908.78      8.03395  (14091502)              402308.88
3781908.78        8.12250  (14091502)
      402328.88    3781908.78      8.20473  (14091502)              402348.88
3781908.78        8.31125  (14091502)
      402368.88    3781908.78      8.39236  (14091502)              402388.88
3781908.78        8.58858  (14091502)
      402408.88    3781908.78      8.66646  (14091502)              402428.88
3781908.78        8.70198  (14091502)
      402448.88    3781908.78      8.76659  (14091502)              402468.88
3781908.78        8.85647  (14091502)
      402488.88    3781908.78      8.97922  (14091502)              402508.88
3781908.78        9.12323  (14091502)
      401308.88    3781928.78      7.15929  (13082604)              401328.88
3781928.78        7.25808  (15100821)
      401348.88    3781928.78      7.37234  (15100821)              401368.88
3781928.78        7.47573  (15100821)
      401388.88    3781928.78      7.57158  (15100821)              401408.88
3781928.78        7.65786  (15100821)
      401428.88    3781928.78      7.75751  (15091105)              401448.88
3781928.78        7.85061  (15091105)
      401468.88    3781928.78      7.88990  (15091105)              401488.88
3781928.78        7.90562  (15091501)
      401508.88    3781928.78      7.83757  (15091501)              401528.88
3781928.78        7.90737  (14090905)
      401548.88    3781928.78      7.76898  (14090905)              401568.88
3781928.78        7.92741  (15070205)
      401588.88    3781928.78      8.20686  (13090623)              401608.88
3781928.78        8.50534  (13090623)
      401628.88    3781928.78      8.63332  (13090623)              401648.88
3781928.78        8.69845  (13090623)
      401668.88    3781928.78      8.73313  (13090623)              401688.88
3781928.78        8.73166  (13090623)
      401708.88    3781928.78      8.79814  (13090706)              401728.88
3781928.78        8.87971  (13090706)
      401748.88    3781928.78      8.89937  (13090706)              401768.88
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     3781928.78       8.84627  (15090806)
        401788.88   3781928.78       8.85986  (13090603)            401808.88
3781928.78       8.84396  (13090603)
        401828.88   3781928.78       8.88221  (15092105)            401848.88
3781928.78       8.86344  (15092105)
        401868.88   3781928.78       8.82988  (13090605)            401888.88
3781928.78       8.76897  (13090506)
        401908.88   3781928.78       8.70246  (13090403)            401928.88
3781928.78       8.64927  (16062005)
        401948.88   3781928.78       8.48812  (12092323)            401968.88
3781928.78       8.42501  (15101402)
        401988.88   3781928.78       8.37457  (15102324)            402008.88
3781928.78       8.34949  (16081403)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                         PAGE 361

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402028.88   3781928.78   8.32070 (16081403)   402048.88
3781928.78   8.21947 (16100802)
        402068.88   3781928.78   8.09780 (16100802)   402088.88
3781928.78   7.97773 (16100802)
        402108.88   3781928.78   7.94660 (12020318)   402128.88
3781928.78   7.90805 (12020318)
        402148.88   3781928.78   7.96296 (12020318)   402168.88
3781928.78   8.37765 (14100506)

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      402188.88   3781928.78        8.44838  (14100506)              402208.88
3781928.78        8.60161  (15080504)
      402228.88   3781928.78        8.40523  (15080504)              402248.88
3781928.78        8.36497  (15080504)
      402268.88   3781928.78        7.87084  (15080504)              402288.88
3781928.78        7.86052  (14091502)
      402308.88   3781928.78        7.94331  (14091502)              402328.88
3781928.78        8.00681  (14091502)
      402348.88   3781928.78        8.06277  (14091502)              402368.88
3781928.78        8.10567  (14091502)
      402388.88   3781928.78        8.22524  (14091502)              402408.88
3781928.78        8.46221  (14091502)
      402428.88   3781928.78        8.51251  (14091502)              402448.88
3781928.78        8.59456  (14091502)
      402468.88   3781928.78        8.68603  (14091502)              402488.88
3781928.78        8.80268  (14091502)
      402508.88   3781928.78        8.93555  (14091502)              401308.88
3781948.78        7.12911  (15100821)
      401328.88   3781948.78        7.21502  (15100821)              401348.88
3781948.78        7.29195  (15100821)
      401368.88   3781948.78        7.38520  (15091105)              401388.88
3781948.78        7.47492  (15091105)
      401408.88   3781948.78        7.55275  (15091105)              401428.88
3781948.78        7.61496  (15091501)
      401448.88   3781948.78        7.70141  (15091501)              401468.88
3781948.78        7.76692  (15091501)
      401488.88   3781948.78        7.84141  (14090905)              401508.88
3781948.78        7.79428  (15070205)
      401528.88   3781948.78        7.71875  (15070205)              401548.88
3781948.78        8.00505  (13090623)
      401568.88   3781948.78        8.20935  (13090623)              401588.88
3781948.78        8.29463  (13090623)
      401608.88   3781948.78        8.36215  (13090623)              401628.88
3781948.78        8.39183  (13090623)
      401648.88   3781948.78        8.39366  (13090623)              401668.88
3781948.78        8.43252  (13090706)
      401688.88   3781948.78        8.53078  (13090706)              401708.88
3781948.78        8.57567  (13090706)
      401728.88   3781948.78        8.57951  (15090806)              401748.88
3781948.78        8.53758  (13090603)
      401768.88   3781948.78        8.49146  (13090603)              401788.88
3781948.78        8.44239  (12100202)
      401808.88   3781948.78        8.51113  (15092105)              401828.88
3781948.78        8.54199  (15092105)
      401848.88   3781948.78        8.51086  (13090605)              401868.88
3781948.78        8.44785  (13090506)
      401888.88   3781948.78        8.38587  (13090403)              401908.88
3781948.78        8.33589  (16062005)
      401928.88   3781948.78        8.21418  (13082701)              401948.88
3781948.78        8.15171  (15101402)
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      401968.88   3781948.78        8.13220  (12101424)                    401988.88
3781948.78        8.10311  (15102324)
      402008.88   3781948.78        8.11463  (16081403)                    402028.88
3781948.78        8.03685  (15091906)
      402048.88   3781948.78        7.92055  (16100802)                    402068.88
3781948.78        7.79862  (16100802)
      402088.88   3781948.78        7.69615  (12020318)                    402108.88
3781948.78        7.68331  (12020318)
      402128.88   3781948.78        7.64078  (12020318)                    402148.88
3781948.78        7.61440  (12020318)
      402168.88   3781948.78        8.08251  (14100506)                    402188.88
3781948.78        8.23113  (14100506)
      402208.88   3781948.78        8.22999  (15080504)                    402228.88
3781948.78        8.13464  (15080504)
      402248.88   3781948.78        8.13203  (15080504)                    402268.88
3781948.78        7.83510  (15080504)
      402288.88   3781948.78        7.74629  (14091502)                    402308.88
3781948.78        7.78606  (14091502)
      402328.88   3781948.78        7.84186  (14091502)                    402348.88
3781948.78        7.89449  (14091502)
      402368.88   3781948.78        7.93807  (14091502)                    402388.88
3781948.78        7.98908  (14091502)
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                             ***   05:36:20

                             PAGE 362
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
           **

    X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      402408.88    3781948.78        8.25344  (14091502)              402428.88
3781948.78         8.32560  (14091502)
      402448.88    3781948.78        8.41205  (14091502)              402468.88
3781948.78         8.50571  (14091502)
      402488.88    3781948.78        8.59666  (14091502)              402508.88
3781948.78         8.73586  (12100206)
      401308.88    3781968.78        6.99570  (15091105)              401328.88
3781968.78         7.07767  (15091105)
      401348.88    3781968.78        7.14833  (15091105)              401368.88
3781968.78         7.20325  (15091105)
      401388.88    3781968.78        7.27384  (15091501)              401408.88
3781968.78         7.33758  (15091501)
      401428.88    3781968.78        7.40770  (14090905)              401448.88
3781968.78         7.53824  (14090905)
      401468.88    3781968.78        7.61818  (15070205)              401488.88
3781968.78         7.69107  (15070205)
      401508.88    3781968.78        7.75045  (13090623)              401528.88
3781968.78         7.88455  (13090623)
      401548.88    3781968.78        7.99187  (13090623)              401568.88
3781968.78         8.05623  (13090623)
      401588.88    3781968.78        8.09271  (13090623)              401608.88
3781968.78         8.09867  (13090623)
      401628.88    3781968.78        8.10569  (16100902)              401648.88
3781968.78         8.20767  (13090706)
      401668.88    3781968.78        8.26877  (13090706)              401688.88
3781968.78         8.28984  (13090706)
      401708.88    3781968.78        8.27518  (15090806)              401728.88
3781968.78         8.21041  (13090603)
      401748.88    3781968.78        8.17266  (13090603)              401768.88
3781968.78         8.11660  (12100202)
      401788.88    3781968.78        8.09569  (15092105)              401808.88
3781968.78         8.14620  (13090605)
      401828.88    3781968.78        8.22899  (13090605)              401848.88
3781968.78         8.20471  (13090506)
      401868.88    3781968.78        8.12211  (13090403)              401888.88
3781968.78         8.06031  (16062005)
      401908.88    3781968.78        7.95518  (13082701)              401928.88
3781968.78         7.88087  (15101402)
      401948.88    3781968.78        7.87508  (12101424)              401968.88
3781968.78         7.86381  (15102324)
      401988.88    3781968.78        7.87352  (15072705)              402008.88
3781968.78         7.86575  (16081403)
      402028.88    3781968.78        7.78651  (15091906)              402048.88
3781968.78         7.66089  (16100802)
      402068.88    3781968.78        7.52652  (16100802)              402088.88
3781968.78         7.43811  (12020318)
      402108.88    3781968.78        7.43849  (12020318)              402128.88
3781968.78         7.39942  (12020318)
      402148.88    3781968.78        7.39981  (12020318)              402168.88
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3781968.78        7.85618  (14100506)
        402188.88    3781968.78        7.99457  (14100506)            402208.88
3781968.78        7.84160  (14100506)
        402228.88    3781968.78        7.87327  (15080504)            402248.88
3781968.78        7.83767  (15080504)
        402268.88    3781968.78        7.91173  (14091502)            402288.88
3781968.78        7.86489  (14091502)
        402308.88    3781968.78        7.70146  (14091502)            402328.88
3781968.78        7.69244  (14091502)
        402348.88    3781968.78        7.73964  (14091502)            402368.88
3781968.78        7.79080  (14091502)
        402388.88    3781968.78        7.83054  (14091502)            402408.88
3781968.78        8.06879  (14091502)
        402428.88    3781968.78        8.14120  (14091502)            402448.88
3781968.78        8.22573  (14091502)
        402468.88    3781968.78        8.32592  (14091502)            402488.88
3781968.78        8.46777  (14091502)
        402508.88    3781968.78        8.60051  (12100206)            401308.88
3781988.78        6.88113  (15091105)
        401328.88    3781988.78        6.94290  (15091501)            401348.88
3781988.78        7.00905  (15091501)
        401368.88    3781988.78        7.06609  (14090905)            401388.88
3781988.78        7.14165  (14090905)
        401408.88    3781988.78        7.19885  (14090905)            401428.88
3781988.78        7.27828  (15070205)
        401448.88    3781988.78        7.36755  (15070205)            401468.88
3781988.78        7.42257  (13090623)
        401488.88    3781988.78        7.55727  (13090623)            401508.88
3781988.78        7.68965  (13090623)
        401528.88    3781988.78        7.75347  (13090623)            401548.88
3781988.78        7.79974  (13090623)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
               L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
               L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
               L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       401568.88   3781988.78   7.81303 (13090623)   401588.88
3781988.78   7.82790 (16100902)
       401608.88   3781988.78   7.90167 (13090706)   401628.88
3781988.78   7.97647 (13090706)
       401648.88   3781988.78   8.01396 (13090706)   401668.88
3781988.78   7.99383 (15090806)
       401688.88   3781988.78   7.88717 (13090603)   401708.88
3781988.78   7.80574 (13090603)
       401728.88   3781988.78   7.78279 (12100202)   401748.88
3781988.78   7.82007 (15092105)
       401768.88   3781988.78   7.76977 (15092105)   401788.88
3781988.78   7.75460 (13090605)
       401808.88   3781988.78   7.76643 (16092906)   401828.88
3781988.78   7.93831 (13090506)
       401848.88   3781988.78   7.88945 (13090403)   401868.88
3781988.78   7.83573 (16062005)
       401888.88   3781988.78   7.72503 (13082701)   401908.88
3781988.78   7.62927 (12092323)
       401928.88   3781988.78   7.63354 (15101402)   401948.88
3781988.78   7.62712 (12101424)
       401968.88   3781988.78   7.60885 (15102324)   401988.88
3781988.78   7.64471 (16081403)
       402008.88   3781988.78   7.61407 (15091906)   402028.88
3781988.78   7.54859 (16100802)
       402048.88   3781988.78   7.43084 (16100802)   402068.88
3781988.78   7.31783 (16100802)
       402088.88   3781988.78   7.24882 (12020318)   402108.88
3781988.78   7.21252 (12020318)
       402128.88   3781988.78   7.20431 (12020318)   402148.88
3781988.78   7.25639 (12020318)
       402168.88   3781988.78   7.62546 (14100506)   402188.88
3781988.78   7.69725 (14100506)
       402208.88   3781988.78   7.61787 (14100506)   402228.88
3781988.78   7.61745 (15080504)
       402248.88   3781988.78   7.57218 (15080504)   402268.88
3781988.78   7.53300 (14091502)
       402288.88   3781988.78   7.53887 (14091502)   402308.88
3781988.78   7.51480 (14091502)
       402328.88   3781988.78   7.55000 (14091502)   402348.88
3781988.78   7.60138 (14091502)

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       402368.88   3781988.78        7.65691  (14091502)                   402388.88
3781988.78        7.69643  (14091502)
       402408.88   3781988.78        7.92145  (14091502)                   402428.88
3781988.78        8.01560  (14091502)
       402448.88   3781988.78        8.06688  (14091502)                   402468.88
3781988.78        8.16926  (14091502)
       402488.88   3781988.78        8.27806  (12100206)                   402508.88
3781988.78        8.43081  (12100206)
       401308.88   3782008.78        6.75316  (15091501)                   401328.88
3782008.78        6.81643  (14090905)
       401348.88   3782008.78        6.88085  (14090905)                   401368.88
3782008.78        6.92332  (15070205)
       401388.88   3782008.78        6.98429  (15070205)                   401408.88
3782008.78        7.03798  (15070205)
       401428.88   3782008.78        7.13770  (13090623)                   401448.88
3782008.78        7.22700  (13090623)
       401468.88   3782008.78        7.27743  (13090623)                   401488.88
3782008.78        7.41543  (13090623)
       401508.88   3782008.78        7.53130  (13090623)                   401528.88
3782008.78        7.53283  (13090623)
       401548.88   3782008.78        7.54490  (16100902)                   401568.88
3782008.78        7.60375  (13090706)
       401588.88   3782008.78        7.68592  (13090706)                   401608.88
3782008.78        7.73743  (13090706)
       401628.88   3782008.78        7.71686  (13090706)                   401648.88
3782008.78        7.60813  (15090806)
       401668.88   3782008.78        7.52956  (13090603)                   401688.88
3782008.78        7.49288  (13090603)
       401708.88   3782008.78        7.49375  (12100202)                   401728.88
3782008.78        7.54233  (15092105)
       401748.88   3782008.78        7.53186  (15092105)                   401768.88
3782008.78        7.49108  (13090605)
       401788.88   3782008.78        7.47826  (13090506)                   401808.88
3782008.78        7.53866  (13090506)
       401828.88   3782008.78        7.57232  (13090403)                   401848.88
3782008.78        7.56842  (16062005)
       401868.88   3782008.78        7.48119  (16062005)                   401888.88
3782008.78        7.41668  (12092323)
       401908.88   3782008.78        7.42424  (15101402)                   401928.88
3782008.78        7.41073  (12101424)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***

```
                         INCLUDING SOURCE(S):     L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .      ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                **


      X-COORD (M)  Y-COORD (M)    CONC     (YYMMDDHH)           X-COORD (M)
 Y-COORD (M)     CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - -
       401948.88   3782008.78     7.39956 (15102324)             401968.88
3782008.78       7.39646 (15072705)
       401988.88   3782008.78     7.43955 (16081403)             402008.88
3782008.78       7.41101 (15091906)
       402028.88   3782008.78     7.33481 (16100802)             402048.88
3782008.78       7.22488 (16100802)
       402068.88   3782008.78     7.13196 (16100802)             402088.88
3782008.78       7.09117 (12020318)
       402108.88   3782008.78     7.05890 (12020318)             402128.88
3782008.78       7.04262 (12020318)
       402148.88   3782008.78     7.23076 (12020318)             402168.88
3782008.78       7.39524 (14100506)
       402188.88   3782008.78     7.51197 (14100506)             402208.88
3782008.78       7.41183 (15080504)
       402228.88   3782008.78     7.41234 (15080504)             402248.88
3782008.78       7.38683 (15080504)
       402268.88   3782008.78     7.28317 (14091502)             402288.88
3782008.78       7.32395 (14091502)
       402308.88   3782008.78     7.36169 (14091502)             402328.88
3782008.78       7.42656 (14091502)
       402348.88   3782008.78     7.47465 (14091502)             402368.88
3782008.78       7.55373 (14091502)
       402388.88   3782008.78     7.57307 (14091502)             402408.88
3782008.78       7.68964 (14091502)
       402428.88   3782008.78     7.74592 (14091502)             402448.88
3782008.78       7.84059 (14091502)
       402468.88   3782008.78     8.01547 (14091502)             402488.88
3782008.78       8.08876 (12100206)
       402508.88   3782008.78     8.24823 (12100206)             401308.88
3782028.78       6.63984 (14090905)
       401328.88   3782028.78     6.69387 (15070205)             401348.88
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3782028.78          6.73907  (15070205)
        401368.88   3782028.78         6.74703  (15070205)                401388.88
3782028.78          6.79266  (13090623)
        401408.88   3782028.78         6.88287  (13090623)                401428.88
3782028.78          7.00573  (13090623)
        401448.88   3782028.78         6.99450  (13090623)                401468.88
3782028.78          7.05932  (13090623)
        401488.88   3782028.78         7.19354  (13090623)                401508.88
3782028.78          7.29615  (16100902)
        401528.88   3782028.78         7.30220  (13090706)                401548.88
3782028.78          7.38680  (13090706)
        401568.88   3782028.78         7.47847  (13090706)                401588.88
3782028.78          7.41830  (13090706)
        401608.88   3782028.78         7.34061  (15090806)                401628.88
3782028.78          7.25438  (13090603)
        401648.88   3782028.78         7.23722  (13090603)                401668.88
3782028.78          7.24255  (12100202)
        401688.88   3782028.78         7.25284  (12100202)                401708.88
3782028.78          7.28265  (15092105)
        401728.88   3782028.78         7.26880  (15092105)                401748.88
3782028.78          7.25336  (13090605)
        401768.88   3782028.78         7.24063  (13090506)                401788.88
3782028.78          7.22620  (13090506)
        401808.88   3782028.78         7.25927  (13090403)                401828.88
3782028.78          7.29246  (16062005)
        401848.88   3782028.78         7.27819  (16062005)                401868.88
3782028.78          7.21845  (12092323)
        401888.88   3782028.78         7.21718  (15101402)                401908.88
3782028.78          7.20537  (12081906)
        401928.88   3782028.78         7.23167  (12101424)                401948.88
3782028.78          7.26510  (15102324)
        401968.88   3782028.78         7.34356  (16081403)                401988.88
3782028.78          7.34246  (15091906)
        402008.88   3782028.78         7.28668  (16100802)                402028.88
3782028.78          7.17438  (16100802)
        402048.88   3782028.78         7.05247  (16100802)                402068.88
3782028.78          6.95905  (16100802)
        402088.88   3782028.78         6.92109  (12020318)                402108.88
3782028.78          6.89523  (12020318)
        402128.88   3782028.78         6.89458  (12020318)                402148.88
3782028.78          7.09289  (12020318)
        402168.88   3782028.78         7.21783  (14100506)                402188.88
3782028.78          7.25639  (14100506)
        402208.88   3782028.78         7.17156  (15080504)                402228.88
3782028.78          7.21987  (15080504)
        402248.88   3782028.78         7.16739  (15080504)                402268.88
3782028.78          7.18410  (14091502)
        402288.88   3782028.78         7.18220  (14091502)                402308.88
3782028.78          7.28646  (14091502)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                               INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
               L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
               L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
               L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
 Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402328.88   3782028.78   7.37681 (14091502)   402348.88
3782028.78   7.37378 (14091502)
        402368.88   3782028.78   7.43212 (14091502)   402388.88
3782028.78   7.45955 (14091502)
        402408.88   3782028.78   7.54238 (14091502)   402428.88
3782028.78   7.62927 (14091502)
        402448.88   3782028.78   7.72535 (14091502)   402468.88
3782028.78   7.85836 (14091502)
        402488.88   3782028.78   7.99590 (12100206)   402508.88
3782028.78   8.13225 (12100206)
        401308.88   3782048.78   6.48321 (15070205)   401328.88
3782048.78   6.50729 (13090623)
        401348.88   3782048.78   6.55681 (13090623)   401368.88
3782048.78   6.63077 (13090623)
        401388.88   3782048.78   6.68707 (13090623)   401408.88
3782048.78   6.75976 (13090623)
        401428.88   3782048.78   6.77964 (13090623)   401448.88
3782048.78   6.76924 (13090623)
        401468.88   3782048.78   6.81551 (16100902)   401488.88
3782048.78   7.00068 (16100902)
        401508.88   3782048.78   7.19112 (13090706)   401528.88
3782048.78   7.18549 (13090706)

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      401548.88    3782048.78        7.19913  (13090706)              401568.88
3782048.78        7.17204  (15090806)
      401588.88    3782048.78        7.16224  (15090806)              401608.88
3782048.78        7.01712  (13090603)
      401628.88    3782048.78        7.01689  (13090603)              401648.88
3782048.78        7.02809  (12100202)
      401668.88    3782048.78        7.03532  (15092105)              401688.88
3782048.78        7.05321  (15092105)
      401708.88    3782048.78        7.02378  (13090605)              401728.88
3782048.78        7.02482  (13090605)
      401748.88    3782048.78        7.03427  (13090506)              401768.88
3782048.78        7.01913  (13090506)
      401788.88    3782048.78        7.05615  (13090403)              401808.88
3782048.78        7.07635  (16062005)
      401828.88    3782048.78        7.06266  (16062005)              401848.88
3782048.78        7.04167  (12092323)
      401868.88    3782048.78        7.05507  (14100501)              401888.88
3782048.78        7.08699  (15101402)
      401908.88    3782048.78        7.08596  (12101424)              401928.88
3782048.78        7.08582  (15102324)
      401948.88    3782048.78        7.14203  (15072705)              401968.88
3782048.78        7.21629  (16081403)
      401988.88    3782048.78        7.20289  (15091906)              402008.88
3782048.78        7.12594  (16100802)
      402028.88    3782048.78        7.00348  (16100802)              402048.88
3782048.78        6.90254  (14100506)
      402068.88    3782048.78        6.82286  (14100506)              402088.88
3782048.78        6.78024  (12020318)
      402108.88    3782048.78        6.75516  (12020318)              402128.88
3782048.78        6.75637  (12020318)
      402148.88    3782048.78        6.94874  (12020318)              402168.88
3782048.78        7.11683  (14100506)
      402188.88    3782048.78        6.93643  (14100506)              402208.88
3782048.78        6.84658  (15080504)
      402228.88    3782048.78        6.97899  (15080504)              402248.88
3782048.78        7.03756  (15080504)
      402268.88    3782048.78        7.02927  (14091502)              402288.88
3782048.78        7.09149  (14091502)
      402308.88    3782048.78        7.22215  (14091502)              402328.88
3782048.78        7.28882  (14091502)
      402348.88    3782048.78        7.32751  (14091502)              402368.88
3782048.78        7.38528  (14091502)
      402388.88    3782048.78        7.41009  (14091502)              402408.88
3782048.78        7.43070  (14091502)
      402428.88    3782048.78        7.51845  (14091502)              402448.88
3782048.78        7.62745  (14091502)
      402468.88    3782048.78        7.73599  (14091502)              402488.88
3782048.78        7.88797  (12100206)
      402508.88    3782048.78        8.05699  (12100206)              401308.88
3782068.78        6.35709  (13090623)
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        401328.88   3782068.78        6.40564  (13090623)                401348.88
3782068.78        6.45148  (13090623)
        401368.88   3782068.78        6.48294  (13090623)                401388.88
3782068.78        6.51449  (13090623)
        401408.88   3782068.78        6.52145  (13090623)                401428.88
3782068.78        6.53741  (16100902)
        401448.88   3782068.78        6.60507  (16100902)                401468.88
3782068.78        6.67651  (13090706)
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                            PAGE 366
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                            INCLUDING SOURCE(S):   L0000894 , L0000895
, L0000896   , L0000897   , L0000898   ,
            L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
            L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
            L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

       X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401488.88   3782068.78   6.87442 (13090706)   401508.88
3782068.78   6.87500 (13090706)
        401528.88   3782068.78   6.86434 (15090806)   401548.88
3782068.78   6.95800 (15090806)
        401568.88   3782068.78   6.90005 (13090603)   401588.88
3782068.78   6.91248 (13090603)
        401608.88   3782068.78   6.82317 (13090603)   401628.88
3782068.78   6.83925 (12100202)
        401648.88   3782068.78   6.84629 (15092105)   401668.88
3782068.78   6.84389 (15092105)
        401688.88   3782068.78   6.83924 (13090605)   401708.88
3782068.78   6.81692 (13062904)
        401728.88   3782068.78   6.84404 (13090506)   401748.88

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3782068.78          6.82755  (13090403)
        401768.88    3782068.78       6.86545  (13090403)              401788.88
3782068.78          6.90573  (16062005)
        401808.88    3782068.78       6.93266  (13082701)              401828.88
3782068.78          6.88743  (12092323)
        401848.88    3782068.78       6.99842  (14100501)              401868.88
3782068.78          7.01369  (15101402)
        401888.88    3782068.78       7.03529  (12101424)              401908.88
3782068.78          7.06255  (15102324)
        401928.88    3782068.78       7.07444  (12111623)              401948.88
3782068.78          7.17422  (16081403)
        401968.88    3782068.78       7.13552  (15091906)              401988.88
3782068.78          7.06158  (15091906)
        402008.88    3782068.78       6.94600  (16100802)              402028.88
3782068.78          6.83191  (16100802)
        402048.88    3782068.78       6.73908  (14100506)              402068.88
3782068.78          6.67675  (14100506)
        402088.88    3782068.78       6.64902  (12020318)              402108.88
3782068.78          6.63390  (12020318)
        402128.88    3782068.78       6.63583  (14100506)              402148.88
3782068.78          6.78840  (12020318)
        402168.88    3782068.78       6.94732  (14100506)              402188.88
3782068.78          6.70263  (15080504)
        402208.88    3782068.78       6.74767  (15080504)              402228.88
3782068.78          6.77747  (14091502)
        402248.88    3782068.78       6.85485  (14091502)              402268.88
3782068.78          6.92172  (14091502)
        402288.88    3782068.78       6.99509  (14091502)              402308.88
3782068.78          7.12794  (14091502)
        402328.88    3782068.78       7.23698  (14091502)              402348.88
3782068.78          7.31747  (14091502)
        402368.88    3782068.78       7.37751  (14091502)              402388.88
3782068.78          7.41817  (14091502)
        402408.88    3782068.78       7.41260  (14091502)              402428.88
3782068.78          7.46350  (14091502)
        402448.88    3782068.78       7.57940  (14091502)              402468.88
3782068.78          7.66176  (12100206)
        402488.88    3782068.78       7.80958  (12100206)              402508.88
3782068.78          7.98982  (12100206)
        401308.88    3782088.78       6.25682  (13090623)              401328.88
3782088.78          6.28204  (13090623)
        401348.88    3782088.78       6.29583  (13090623)              401368.88
3782088.78          6.29369  (16091905)
        401388.88    3782088.78       6.32378  (16100902)              401408.88
3782088.78          6.33482  (16100902)
        401428.88    3782088.78       6.40689  (13090706)              401448.88
3782088.78          6.44248  (13090706)
        401468.88    3782088.78       6.55713  (13090706)              401488.88
3782088.78          6.68196  (13090706)
        401508.88    3782088.78       6.68752  (15090806)              401528.88
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3782088.78         6.69416  (15090806)
        401548.88   3782088.78         6.75183  (13090603)          401568.88
3782088.78         6.70563  (13090603)
        401588.88   3782088.78         6.68020  (13090603)          401608.88
3782088.78         6.63476  (12100202)
        401628.88   3782088.78         6.64862  (15092105)          401648.88
3782088.78         6.66361  (15092105)
        401668.88   3782088.78         6.65209  (13090605)          401688.88
3782088.78         6.63075  (13062904)
        401708.88   3782088.78         6.67378  (13090506)          401728.88
3782088.78         6.73392  (13090403)
        401748.88   3782088.78         6.69742  (13090403)          401768.88
3782088.78         6.70069  (16062005)
        401788.88   3782088.78         6.73042  (16062005)          401808.88
3782088.78         6.83147  (12092323)
        401828.88   3782088.78         6.85016  (14100501)          401848.88
3782088.78         6.95750  (15101402)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                     ***   05:36:20

                                PAGE 367
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                              INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
             L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
             L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
             L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
 -
        401868.88   3782088.78   7.03464 (12101424)   401888.88
3782088.78   6.98508 (15102324)
        401908.88   3782088.78   7.07566 (15102324)   401928.88
3782088.78   7.16102 (16081403)
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      401948.88    3782088.78       7.15539   (16081403)           401968.88
3782088.78          7.02564   (15091906)
      401988.88    3782088.78       6.87782   (16100802)           402008.88
3782088.78          6.79781   (16100802)
      402028.88    3782088.78       6.71965   (14100506)           402048.88
3782088.78          6.61914   (14100506)
      402068.88    3782088.78       6.56678   (14100506)           402088.88
3782088.78          6.53380   (14100506)
      402108.88    3782088.78       6.52971   (14100506)           402128.88
3782088.78          6.52914   (14100506)
      402148.88    3782088.78       6.57983   (14100506)           402168.88
3782088.78          6.74301   (14100506)
      402188.88    3782088.78       6.67657   (15080504)           402208.88
3782088.78          6.67372   (15080504)
      402228.88    3782088.78       6.75142   (14091502)           402248.88
3782088.78          6.77888   (14091502)
      402268.88    3782088.78       6.83455   (14091502)           402288.88
3782088.78          6.90806   (14091502)
      402308.88    3782088.78       7.03757   (14091502)           402328.88
3782088.78          7.16917   (14091502)
      402348.88    3782088.78       7.26791   (14091502)           402368.88
3782088.78          7.33832   (14091502)
      402388.88    3782088.78       7.39240   (14091502)           402408.88
3782088.78          7.41738   (14091502)
      402428.88    3782088.78       7.40037   (14091502)           402448.88
3782088.78          7.49146   (14091502)
      402468.88    3782088.78       7.58578   (12100206)           402488.88
3782088.78          7.73508   (12100206)
      402508.88    3782088.78       7.99602   (12100206)           401308.88
3782108.78          6.10904   (13090623)
      401328.88    3782108.78       6.11370   (16091905)           401348.88
3782108.78          6.15122   (16100902)
      401368.88    3782108.78       6.15573   (16100902)           401388.88
3782108.78          6.19367   (13090706)
      401408.88    3782108.78       6.24231   (13090706)           401428.88
3782108.78          6.27058   (13090706)
      401448.88    3782108.78       6.28908   (15090806)           401468.88
3782108.78          6.33091   (15090806)
      401488.88    3782108.78       6.44329   (15090806)           401508.88
3782108.78          6.41433   (13090603)
      401528.88    3782108.78       6.46051   (13090603)           401548.88
3782108.78          6.41287   (13090603)
      401568.88    3782108.78       6.40949   (12100202)           401588.88
3782108.78          6.42805   (15092105)
      401608.88    3782108.78       6.44792   (15092105)           401628.88
3782108.78          6.45478   (13090605)
      401648.88    3782108.78       6.47080   (13090605)           401668.88
3782108.78          6.48908   (13090506)
      401688.88    3782108.78       6.55972   (13090506)           401708.88
3782108.78          6.65828   (13090403)
```

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        401728.88   3782108.78        6.72728  (16062005)                  401748.88
3782108.78        6.67536  (16062005)
        401768.88   3782108.78        6.62499  (13082701)                  401788.88
3782108.78        6.57132  (13082701)
        401808.88   3782108.78        6.77910  (14100501)                  401828.88
3782108.78        6.91230  (15101402)
        401848.88   3782108.78        6.95030  (12101424)                  401868.88
3782108.78        6.98738  (15093002)
        401888.88   3782108.78        6.97698  (15102324)                  401908.88
3782108.78        7.06267  (15072705)
        401928.88   3782108.78        7.11402  (16081403)                  401948.88
3782108.78        7.02603  (15091906)
        401968.88   3782108.78        6.86543  (15091906)                  401988.88
3782108.78        6.72853  (16100802)
        402008.88   3782108.78        6.71277  (14100506)                  402028.88
3782108.78        6.60953  (14100506)
        402048.88   3782108.78        6.50378  (14100506)                  402068.88
3782108.78        6.45997  (14100506)
        402088.88   3782108.78        6.44298  (14100506)                  402108.88
3782108.78        6.43629  (14100506)
        402128.88   3782108.78        6.43414  (14100506)                  402148.88
3782108.78        6.44603  (15080504)
        402168.88   3782108.78        6.51956  (15080504)                  402188.88
3782108.78        6.68982  (15080504)
        402208.88   3782108.78        6.54552  (15080504)                  402228.88
3782108.78        6.69415  (14091502)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 368
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                          INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                         ** CONC OF PM_10   IN MICROGRAMS/M**3
          **

```
      X-COORD (M)  Y-COORD (M)      CONC    (YYMMDDHH)                 X-COORD (M)
Y-COORD (M)       CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - -
        402248.88   3782108.78      6.76602  (14091502)                 402268.88
3782108.78       6.83016  (14091502)
        402288.88   3782108.78      6.89471  (14091502)                 402308.88
3782108.78       6.98459  (14091502)
        402328.88   3782108.78      7.07706  (14091502)                 402348.88
3782108.78       7.18726  (14091502)
        402368.88   3782108.78      7.27212  (14091502)                 402388.88
3782108.78       7.33987  (14091502)
        402408.88   3782108.78      7.38837  (14091502)                 402428.88
3782108.78       7.40141  (14091502)
        402448.88   3782108.78      7.45271  (14091502)                 402468.88
3782108.78       7.53009  (12100206)
        402488.88   3782108.78      7.78264  (12100206)                 402508.88
3782108.78       7.98119  (12100206)
        401308.88   3782128.78      5.97260  (16100902)                 401328.88
3782128.78       5.99743  (16100902)
        401348.88   3782128.78      6.01777  (13090706)                 401368.88
3782128.78       6.06239  (13090706)
        401388.88   3782128.78      6.09361  (13090706)                 401408.88
3782128.78       6.10643  (13090706)
        401428.88   3782128.78      6.13182  (15090806)                 401448.88
3782128.78       6.16485  (13083005)
        401468.88   3782128.78      6.18859  (13090603)                 401488.88
3782128.78       6.20997  (13090603)
        401508.88   3782128.78      6.21422  (12100202)                 401528.88
3782128.78       6.23330  (12100202)
        401548.88   3782128.78      6.28209  (15092105)                 401568.88
3782128.78       6.35486  (15092105)
        401588.88   3782128.78      6.34969  (13090605)                 401608.88
3782128.78       6.38495  (13090605)
        401628.88   3782128.78      6.38189  (13062904)                 401648.88
3782128.78       6.39060  (13090506)
        401668.88   3782128.78      6.44164  (13090506)                 401688.88
3782128.78       6.57667  (13090403)
        401708.88   3782128.78      6.63926  (16062005)                 401728.88
3782128.78       6.71599  (16062005)
        401748.88   3782128.78      6.61383  (13082701)                 401768.88
3782128.78       6.52744  (12092323)
        401788.88   3782128.78      6.45714  (12092323)                 401808.88
3782128.78       6.69535  (15101402)
        401828.88   3782128.78      6.85535  (12101424)                 401848.88
3782128.78       6.86934  (12101424)
        401868.88   3782128.78      6.93026  (15102324)                 401888.88
3782128.78       6.90532  (12111623)
        401908.88   3782128.78      6.99329  (16081403)                 401928.88
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3782128.78         6.94698  (16081403)
         401948.88    3782128.78         6.86264  (15091906)              401968.88
3782128.78         6.68541  (16100802)
         401988.88    3782128.78         6.62266  (16100802)              402008.88
3782128.78         6.59489  (14100506)
         402028.88    3782128.78         6.50104  (14100506)              402048.88
3782128.78         6.41191  (14100506)
         402068.88    3782128.78         6.35874  (14100506)              402088.88
3782128.78         6.35419  (14100506)
         402108.88    3782128.78         6.34993  (14100506)              402128.88
3782128.78         6.34870  (15080504)
         402148.88    3782128.78         6.36597  (15080504)              402168.88
3782128.78         6.38443  (15080504)
         402188.88    3782128.78         6.56185  (15080504)              402208.88
3782128.78         6.46499  (14091502)
         402228.88    3782128.78         6.61591  (14091502)              402248.88
3782128.78         6.71445  (14091502)
         402268.88    3782128.78         6.78540  (14091502)              402288.88
3782128.78         6.86156  (14091502)
         402308.88    3782128.78         6.93808  (14091502)              402328.88
3782128.78         7.02090  (14091502)
         402348.88    3782128.78         7.10891  (14091502)              402368.88
3782128.78         7.19478  (14091502)
         402388.88    3782128.78         7.26598  (14091502)              402408.88
3782128.78         7.32129  (14091502)
         402428.88    3782128.78         7.34850  (14091502)              402448.88
3782128.78         7.38931  (14091502)
         402468.88    3782128.78         7.55392  (12100206)              402488.88
3782128.78         7.79177  (12100206)
         402508.88    3782128.78         7.96570  (12100206)              401308.88
3782148.78         5.81361  (15072504)
         401328.88    3782148.78         5.89320  (13090706)              401348.88
3782148.78         5.92977  (13090706)
         401368.88    3782148.78         5.94419  (13090706)              401388.88
3782148.78         5.96096  (15090806)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

                           PAGE 369
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                           INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911

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, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    , . . .       ,
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                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

```
      X-COORD (M)  Y-COORD (M)    CONC    (YYMMDDHH)            X-COORD (M)
Y-COORD (M)      CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - -
       401408.88   3782148.78    5.97701 (15090806)            401428.88
3782148.78      6.02596 (13090603)
       401448.88   3782148.78    6.08196 (13090603)            401468.88
3782148.78      6.08797 (13090603)
       401488.88   3782148.78    6.21163 (12100202)            401508.88
3782148.78      6.22640 (15092105)
       401528.88   3782148.78    6.23145 (15092105)            401548.88
3782148.78      6.28773 (15092105)
       401568.88   3782148.78    6.36422 (13090605)            401588.88
3782148.78      6.34127 (13062904)
       401608.88   3782148.78    6.36851 (16092906)            401628.88
3782148.78      6.38876 (13090506)
       401648.88   3782148.78    6.36349 (15092402)            401668.88
3782148.78      6.41721 (13090403)
       401688.88   3782148.78    6.56930 (16062005)            401708.88
3782148.78      6.61628 (16062005)
       401728.88   3782148.78    6.61330 (13082701)            401748.88
3782148.78      6.54922 (12092323)
       401768.88   3782148.78    6.48701 (12092824)            401788.88
3782148.78      6.43235 (14100501)
       401808.88   3782148.78    6.61147 (12081906)            401828.88
3782148.78      6.73885 (12101424)
       401848.88   3782148.78    6.78675 (15102324)            401868.88
3782148.78      6.79088 (15102324)
       401888.88   3782148.78    6.84789 (15072705)            401908.88
3782148.78      6.85367 (16081403)
       401928.88   3782148.78    6.75605 (15091906)            401948.88
3782148.78      6.64974 (15091906)
       401968.88   3782148.78    6.56765 (16100802)            401988.88
3782148.78      6.54408 (14100506)
       402008.88   3782148.78    6.47041 (14100506)            402028.88
3782148.78      6.39454 (14100506)
       402048.88   3782148.78    6.32480 (14100506)            402068.88
3782148.78      6.28858 (14100506)
       402088.88   3782148.78    6.26939 (14100506)            402108.88
3782148.78      6.26978 (14100506)
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     402128.88    3782148.78        6.27538  (15080504)                402148.88
3782148.78        6.29168  (15080504)
     402168.88    3782148.78        6.30017  (15080504)                402188.88
3782148.78        6.43615  (15080504)
     402208.88    3782148.78        6.37814  (14091502)                402228.88
3782148.78        6.54213  (14091502)
     402248.88    3782148.78        6.64486  (14091502)                402268.88
3782148.78        6.72572  (14091502)
     402288.88    3782148.78        6.80322  (14091502)                402308.88
3782148.78        6.88208  (14091502)
     402328.88    3782148.78        6.95988  (14091502)                402348.88
3782148.78        7.03962  (14091502)
     402368.88    3782148.78        7.11839  (14091502)                402388.88
3782148.78        7.18816  (14091502)
     402408.88    3782148.78        7.25196  (14091502)                402428.88
3782148.78        7.32388  (14091502)
     402448.88    3782148.78        7.33449  (14091502)                402468.88
3782148.78        7.49415  (12100206)
     402488.88    3782148.78        7.73472  (12100206)                402508.88
3782148.78        7.90948  (16072404)
     401308.88    3782168.78        5.75831  (13090706)                401328.88
3782168.78        5.78095  (13090706)
     401348.88    3782168.78        5.79796  (15090806)                401368.88
3782168.78        5.82215  (15090806)
     401388.88    3782168.78        5.84485  (13083005)                401408.88
3782168.78        5.88505  (13090603)
     401428.88    3782168.78        5.92261  (13090603)                401448.88
3782168.78        5.91331  (13090603)
     401468.88    3782168.78        5.94167  (12100202)                401488.88
3782168.78        6.09120  (15092105)
     401508.88    3782168.78        6.21029  (15092105)                401528.88
3782168.78        6.21447  (13090605)
     401548.88    3782168.78        6.26308  (13090605)                401568.88
3782168.78        6.30509  (13062904)
     401588.88    3782168.78        6.31840  (13090506)                401608.88
3782168.78        6.34494  (13090506)
     401628.88    3782168.78        6.33388  (15092402)                401648.88
3782168.78        6.38003  (13090403)
     401668.88    3782168.78        6.38216  (16062005)                401688.88
3782168.78        6.50189  (16062005)
     401708.88    3782168.78        6.51196  (13082701)                401728.88
3782168.78        6.51491  (12092323)
     401748.88    3782168.78        6.45427  (12092824)                401768.88
3782168.78        6.45832  (14100501)
```
⬥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK     ***
                              INCLUDING SOURCE(S):    L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
              L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
              L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
              L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    , . . .       ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10    IN MICROGRAMS/M**3
            **

      X-COORD (M)  Y-COORD (M)      CONC    (YYMMDDHH)           X-COORD (M)
Y-COORD (M)      CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
       401788.88  3782168.78      6.38245 (15101402)           401808.88
3782168.78      6.52321 (12101424)
       401828.88  3782168.78      6.59620 (15093002)           401848.88
3782168.78      6.66619 (15102324)
       401868.88  3782168.78      6.67641 (13082506)           401888.88
3782168.78      6.71832 (16081403)
       401908.88  3782168.78      6.68889 (16081403)           401928.88
3782168.78      6.59903 (15091906)
       401948.88  3782168.78      6.47368 (15091906)           401968.88
3782168.78      6.47409 (16100802)
       401988.88  3782168.78      6.42650 (14100506)           402008.88
3782168.78      6.35071 (13122803)
       402028.88  3782168.78      6.29163 (12020318)           402048.88
3782168.78      6.24750 (12020318)
       402068.88  3782168.78      6.22127 (14100506)           402088.88
3782168.78      6.18953 (14100506)
       402108.88  3782168.78      6.19603 (15080504)           402128.88
3782168.78      6.20684 (15080504)
       402148.88  3782168.78      6.20161 (15080504)           402168.88
3782168.78      6.27974 (15080504)
       402188.88  3782168.78      6.30805 (15080504)           402208.88
3782168.78      6.30507 (14091502)
       402228.88  3782168.78      6.45531 (14091502)           402248.88
3782168.78      6.56097 (14091502)
       402268.88  3782168.78      6.65023 (14091502)           402288.88
3782168.78      6.73208 (14091502)
       402308.88  3782168.78      6.81096 (14091502)           402328.88
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3782168.78          6.88888  (14091502)
      402348.88    3782168.78        6.96897  (14091502)              402368.88
3782168.78          7.04699  (14091502)
      402388.88    3782168.78        7.12310  (14091502)              402408.88
3782168.78          7.20408  (14091502)
      402428.88    3782168.78        7.26198  (14091502)              402448.88
3782168.78          7.27979  (12100206)
      402468.88    3782168.78        7.41970  (12100206)              402488.88
3782168.78          7.66442  (12100206)
      402508.88    3782168.78        7.84404  (16072404)              401308.88
3782188.78          5.64435  (13090706)
      401328.88    3782188.78        5.69073  (15090806)              401348.88
3782188.78          5.70471  (13083005)
      401368.88    3782188.78        5.78233  (13090603)              401388.88
3782188.78          5.80186  (13090603)
      401408.88    3782188.78        5.80101  (13090603)              401428.88
3782188.78          5.82314  (12100202)
      401448.88    3782188.78        5.82905  (12100202)              401468.88
3782188.78          5.82799  (15092105)
      401488.88    3782188.78        5.91236  (15092105)              401508.88
3782188.78          6.07065  (13090605)
      401528.88    3782188.78        6.17051  (13090605)              401548.88
3782188.78          6.18582  (16092906)
      401568.88    3782188.78        6.25133  (13090506)              401588.88
3782188.78          6.24931  (13090506)
      401608.88    3782188.78        6.26363  (13090403)              401628.88
3782188.78          6.32414  (13090403)
      401648.88    3782188.78        6.36034  (16062005)              401668.88
3782188.78          6.35881  (16062005)
      401688.88    3782188.78        6.38478  (13082701)              401708.88
3782188.78          6.41090  (12092323)
      401728.88    3782188.78        6.38361  (12092824)              401748.88
3782188.78          6.39694  (14100501)
      401768.88    3782188.78        6.38050  (15101402)              401788.88
3782188.78          6.31754  (12081906)
      401808.88    3782188.78        6.42297  (12101424)              401828.88
3782188.78          6.49614  (15102324)
      401848.88    3782188.78        6.50570  (15102324)              401868.88
3782188.78          6.57006  (15072705)
      401888.88    3782188.78        6.59271  (16081403)              401908.88
3782188.78          6.53882  (15091906)
      401928.88    3782188.78        6.49543  (16100802)              401948.88
3782188.78          6.37778  (16100802)
      401968.88    3782188.78        6.34941  (14100506)              401988.88
3782188.78          6.29792  (14100506)
      402008.88    3782188.78        6.24247  (12020318)              402028.88
3782188.78          6.20106  (12020318)
      402048.88    3782188.78        6.16939  (12020318)              402068.88
3782188.78          6.13550  (14100506)
      402088.88    3782188.78        6.11573  (14100506)              402108.88
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3782188.78          6.13650  (15080504)
        402128.88   3782188.78          6.14782  (15080504)                   402148.88
3782188.78          6.12332  (15080504)
 ♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
  *** AERMET - VERSION  16216 ***   ***
                        ***        05:36:20


                              PAGE 371
  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                               INCLUDING SOURCE(S):     L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .      ,


                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                               ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


     X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)           X-COORD (M)
Y-COORD (M)      CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - -
        402168.88   3782188.78      6.19128  (15080504)            402188.88
3782188.78      6.19053  (15080504)
        402208.88   3782188.78      6.25732  (14091502)            402228.88
3782188.78      6.36821  (14091502)
        402248.88   3782188.78      6.47093  (14091502)            402268.88
3782188.78      6.56510  (14091502)
        402288.88   3782188.78      6.64906  (14091502)            402308.88
3782188.78      6.73628  (14091502)
        402328.88   3782188.78      6.81763  (14091502)            402348.88
3782188.78      6.90104  (14091502)
        402368.88   3782188.78      6.98102  (14091502)            402388.88
3782188.78      7.06049  (14091502)
        402408.88   3782188.78      7.14026  (14091502)            402428.88
3782188.78      7.19862  (14091502)
        402448.88   3782188.78      7.26575  (12100206)            402468.88
3782188.78      7.37688  (12100206)
        402488.88   3782188.78      7.60785  (12100206)            402508.88
3782188.78      7.78022  (16072404)
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     401308.88   3782208.78        5.55698  (13083005)             401328.88
3782208.78        5.60937  (13083005)
     401348.88   3782208.78        5.69398  (13090603)             401368.88
3782208.78        5.72715  (13090603)
     401388.88   3782208.78        5.77544  (12100202)             401408.88
3782208.78        5.80343  (12100202)
     401428.88   3782208.78        5.79359  (12100202)             401448.88
3782208.78        5.84104  (15092105)
     401468.88   3782208.78        5.83973  (15092105)             401488.88
3782208.78        5.78940  (13090605)
     401508.88   3782208.78        5.92552  (13090605)             401528.88
3782208.78        6.03134  (16092906)
     401548.88   3782208.78        6.11945  (13090506)             401568.88
3782208.78        6.13923  (13090506)
     401588.88   3782208.78        6.15703  (13090403)             401608.88
3782208.78        6.20872  (13090403)
     401628.88   3782208.78        6.23932  (16062005)             401648.88
3782208.78        6.26680  (16062005)
     401668.88   3782208.78        6.24818  (13082701)             401688.88
3782208.78        6.27311  (12092323)
     401708.88   3782208.78        6.27069  (15080404)             401728.88
3782208.78        6.30440  (14100501)
     401748.88   3782208.78        6.30674  (15101402)             401768.88
3782208.78        6.26252  (12081906)
     401788.88   3782208.78        6.25383  (12101424)             401808.88
3782208.78        6.31562  (12110603)
     401828.88   3782208.78        6.38371  (15102324)             401848.88
3782208.78        6.40044  (13082506)
     401868.88   3782208.78        6.45738  (15072705)             401888.88
3782208.78        6.46545  (16081403)
     401908.88   3782208.78        6.43141  (16100802)             401928.88
3782208.78        6.36364  (16100802)
     401948.88   3782208.78        6.26401  (16100802)             401968.88
3782208.78        6.23704  (14100506)
     401988.88   3782208.78        6.18096  (13122803)             402008.88
3782208.78        6.13764  (12020318)
     402028.88   3782208.78        6.10608  (12020318)             402048.88
3782208.78        6.07380  (12020318)
     402068.88   3782208.78        6.04683  (14100506)             402088.88
3782208.78        6.05665  (14100506)
     402108.88   3782208.78        6.07457  (15080504)             402128.88
3782208.78        6.06818  (15080504)
     402148.88   3782208.78        6.06284  (15080504)             402168.88
3782208.78        6.07707  (15080504)
     402188.88   3782208.78        6.14960  (15080504)             402208.88
3782208.78        6.19704  (14091502)
     402228.88   3782208.78        6.28525  (14091502)             402248.88
3782208.78        6.38404  (14091502)
     402268.88   3782208.78        6.49129  (14091502)             402288.88
3782208.78        6.58525  (14091502)
```

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      402308.88   3782208.78      6.66989  (14091502)              402328.88
3782208.78      6.75148  (14091502)
      402348.88   3782208.78      6.83336  (14091502)              402368.88
3782208.78      6.91772  (14091502)
      402388.88   3782208.78      6.99450  (14091502)              402408.88
3782208.78      7.07570  (14091502)
      402428.88   3782208.78      7.15419  (14091502)              402448.88
3782208.78      7.22752  (12100206)
      402468.88   3782208.78      7.32283  (12100206)              402488.88
3782208.78      7.53700  (12100206)
      402508.88   3782208.78      7.71518  (16072404)              402116.08
3781609.34     86.69366  (12033117)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                              ***   05:36:20

                              PAGE 372
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK     ***
                              INCLUDING SOURCE(S):    L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
              L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
              L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
              L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   ,  . . .     ,


                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


     X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)            X-COORD (M)
Y-COORD (M)      CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
      402111.58   3781631.84     153.78453  (12033117)              402072.78
3781724.63     33.65643  (15022217)
      402058.72   3781776.93      13.12213  (15022217)              402061.53
3781812.92     10.85415  (16062005)
      402065.47   3781834.86      10.05388  (16081403)              401913.06
3781829.79     10.55877  (15100906)
      401870.32   3781887.16       9.57359  (12100202)              401788.78
3781884.91      9.66295  (13090706)
      401791.03   3781611.59       7.73138  (12033117)
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 373
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       399067.96 3778941.97   0.67418 (16092522)   399349.76
3778941.97   0.67649 (16093007)
       399631.56 3778941.97   0.73947 (16093007)   399913.36
3778941.97   0.81245 (16093007)
       400195.16 3778941.97   0.89600 (12111715)   400476.96
3778941.97   1.58076 (12111715)
       400758.76 3778941.97   1.39133 (12021515)   401040.56
3778941.97   1.60930 (12021515)
       401322.36 3778941.97   1.32139 (16093007)   401604.16
3778941.97   1.47136 (16093007)
       401885.96 3778941.97   1.65866 (16093007)   402167.76
3778941.97   1.90510 (16093007)
       402449.56 3778941.97   2.72971 (12111715)   402731.36
3778941.97   3.88427 (12021515)
       403013.16 3778941.97   4.23689 (12042618)   403294.96
3778941.97   4.22155 (12120216)
       403576.76 3778941.97   2.88963 (12120216)   403858.56
3778941.97   1.89322 (12111716)
       404140.36 3778941.97   1.29386 (16093007)   404422.16
3778941.97   1.21620 (14120116)

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    404703.96    3778941.97        1.20215  (14120116)              399067.96
3779205.53        0.81902  (14080223)
    399349.76    3779205.53        0.78293  (14080223)              399631.56
3779205.53        0.79507  (16093007)
    399913.36    3779205.53        0.88058  (16093007)              400195.16
3779205.53        0.99383  (12021216)
    400476.96    3779205.53        1.49137  (12111715)              400758.76
3779205.53        1.79854  (12111715)
    401040.56    3779205.53        1.92773  (12021515)              401322.36
3779205.53        1.52132  (16093007)
    401604.16    3779205.53        1.71392  (16093007)              401885.96
3779205.53        1.98290  (16093007)
    402167.76    3779205.53        2.38983  (16093007)              402449.56
3779205.53        3.10359  (16093007)
    402731.36    3779205.53        7.41661  (12021515)              403013.16
3779205.53        9.42820  (12042618)
    403294.96    3779205.53        4.69834  (12120216)              403576.76
3779205.53        2.68549  (12120216)
    403858.56    3779205.53        1.83287  (16093007)              404140.36
3779205.53        1.49622  (16093007)
    404422.16    3779205.53        1.39367  (14120116)              404703.96
3779205.53        1.21733  (14120116)
    399067.96    3779469.09        0.97152  (15090805)              399349.76
3779469.09        0.90725  (14102423)
    399631.56    3779469.09        0.88855  (14091606)              399913.36
3779469.09        1.04114  (14091606)
    400195.16    3779469.09        1.09431  (14091606)              400476.96
3779469.09        1.19456  (16093007)
    400758.76    3779469.09        2.12137  (12111715)              401040.56
3779469.09        2.16961  (12021515)
    401322.36    3779469.09        1.85483  (12021515)              401604.16
3779469.09        1.98880  (16093007)
    401885.96    3779469.09        2.35368  (16093007)              402167.76
3779469.09        2.93790  (16093007)
    402449.56    3779469.09        4.19211  (16093007)              402731.36
3779469.09       11.17506  (12033117)
    403013.16    3779469.09       14.63655  (12120116)              403294.96
3779469.09        4.76202  (12120216)
    403576.76    3779469.09        2.91252  (16093007)              403858.56
3779469.09        2.15561  (16093007)
    404140.36    3779469.09        1.70409  (16093007)              404422.16
3779469.09        1.43651  (14120116)
    404703.96    3779469.09        1.18109  (16093007)              399067.96
3779732.65        1.11565  (15091205)
    399349.76    3779732.65        1.08105  (12092324)              399631.56
3779732.65        1.11194  (16092003)
    399913.36    3779732.65        1.25756  (15063020)              400195.16
3779732.65        1.32296  (15063020)
    400476.96    3779732.65        1.36380  (15063020)              400758.76
3779732.65        2.18081  (14072902)
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      401040.56   3779732.65      2.47329  (12111715)              401322.36
3779732.65      2.64916  (12021515)
      401604.16   3779732.65      2.76176  (13090705)              401885.96
3779732.65      3.40618  (12091404)
      402167.76   3779732.65      4.21554  (15090901)              402449.56
3779732.65      5.65439  (12071903)
      402731.36   3779732.65     11.02544  (16093007)              403013.16
3779732.65     18.24159  (16093007)
      403294.96   3779732.65      5.76906  (16093007)              403576.76
3779732.65      3.47389  (16093007)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 374
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
      403858.56   3779732.65   2.47256 (16093007)   404140.36
3779732.65   1.89442 (16093007)
      404422.16   3779732.65   1.53507 (16093007)   404703.96
3779732.65   1.27630 (16093007)
      399067.96   3779996.21   1.26208 (15090804)   399349.76
3779996.21   1.26894 (14091323)
      399631.56   3779996.21   1.32560 (14091323)   399913.36
3779996.21   1.45657 (14091323)
      400195.16   3779996.21   1.56716 (16061723)   400476.96
3779996.21   1.78553 (15092103)
      400758.76   3779996.21   2.70323 (14091323)   401040.56
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3779996.21        3.26725  (12111715)
     401322.36    3779996.21       3.54302  (12021515)              401604.16
3779996.21        3.77181  (15100821)
     401885.96    3779996.21       4.42626  (13090623)              402167.76
3779996.21        5.37906  (13083005)
     402449.56    3779996.21       7.06079  (16062005)              402731.36
3779996.21       12.25176  (14091502)
     403013.16    3779996.21      23.22997  (12071919)              403294.96
3779996.21        6.64855  (16093007)
     403576.76    3779996.21       3.93497  (16093007)              403858.56
3779996.21        2.74841  (16093007)
     404140.36    3779996.21       2.08298  (16093007)              404422.16
3779996.21        1.65958  (16093007)
     404703.96    3779996.21       1.36558  (16093007)              399067.96
3780259.77        1.39911  (14091323)
     399349.76    3780259.77       1.39928  (14092424)              399631.56
3780259.77        1.51280  (15092103)
     399913.36    3780259.77       1.68497  (14091604)              400195.16
3780259.77        1.97632  (15092106)
     400476.96    3780259.77       2.70050  (15092103)              400758.76
3780259.77        3.01397  (14091604)
     401040.56    3780259.77       3.35432  (15091204)              401322.36
3780259.77        4.20619  (12021515)
     401604.16    3780259.77       4.32619  (13090623)              401885.96
3780259.77        4.94426  (13090706)
     402167.76    3780259.77       5.88467  (13090605)              402449.56
3780259.77        7.85277  (15101402)
     402731.36    3780259.77      13.75756  (14091502)              403013.16
3780259.77       26.82798  (16093007)
     403294.96    3780259.77       7.31266  (16093007)              403576.76
3780259.77        4.30968  (16093007)
     403858.56    3780259.77       2.98780  (16093007)              404140.36
3780259.77        2.23987  (16093007)
     404422.16    3780259.77       1.76955  (16093007)              404703.96
3780259.77        1.98222  (12031616)
     399067.96    3780523.33       1.54846  (14091604)              399349.76
3780523.33        1.57495  (15092106)
     399631.56    3780523.33       1.65037  (15091204)              399913.36
3780523.33        1.90241  (13082604)
     400195.16    3780523.33       2.41298  (15100821)              400476.96
3780523.33        2.78348  (15100821)
     400758.76    3780523.33       3.21781  (15091204)              401040.56
3780523.33        3.66076  (15100821)
     401322.36    3780523.33       5.84507  (12111715)              401604.16
3780523.33        5.61691  (12021515)
     401885.96    3780523.33       5.40641  (13083005)              402167.76
3780523.33        6.35891  (16062005)
     402449.56    3780523.33       8.22329  (15102324)              402731.36
3780523.33       14.29180  (12100206)
     403013.16    3780523.33      33.91719  (16093007)              403294.96
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3780523.33       8.98754  (12100219)
      403576.76    3780523.33        4.66576  (12080921)              403858.56
3780523.33       3.19045  (16093007)
      404140.36    3780523.33        2.82279  (12031616)              404422.16
3780523.33       3.35983  (12031616)
      404703.96    3780523.33        3.61994  (12031616)              399067.96
3780786.89       1.63089  (15091204)
      399349.76    3780786.89        1.71978  (15100821)              399631.56
3780786.89       1.47800  (15091501)
      399913.36    3780786.89        2.05467  (14090905)              400195.16
3780786.89       2.57766  (14090905)
      400476.96    3780786.89        3.01576  (15091105)              400758.76
3780786.89       3.42054  (15092106)
      401040.56    3780786.89        3.99312  (14020617)              401322.36
3780786.89       6.37906  (12111715)
      401604.16    3780786.89        9.09786  (12021515)              401885.96
3780786.89       6.30377  (13090623)
      402167.76    3780786.89        7.71095  (12042618)              402449.56
3780786.89       8.76200  (16081403)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                            PAGE 375

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

    X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
 -
      402731.36   3780786.89   14.53731 (14091503)   403013.16
3780786.89   44.92336 (16093007)

```
     403294.96   3780786.89      10.61348  (13080302)              403576.76
3780786.89        6.26021  (16072221)
     403858.56   3780786.89       5.42681  (12031616)              404140.36
3780786.89        5.39409  (12031616)
     404422.16   3780786.89       4.63709  (12031616)              404703.96
3780786.89        3.51382  (12031616)
     399067.96   3781050.45       1.73325  (15091105)              399349.76
3781050.45        1.85759  (15091501)
     399631.56   3781050.45       1.99498  (15070205)              399913.36
3781050.45        2.08865  (13090623)
     400195.16   3781050.45       2.74926  (13090623)              400476.96
3781050.45        3.14031  (15091105)
     400758.76   3781050.45       3.79818  (14020617)              401040.56
3781050.45        4.77667  (14020617)
     401322.36   3781050.45       6.12614  (14020617)              401604.16
3781050.45       13.84839  (12111715)
     401885.96   3781050.45       9.07101  (13071806)              402167.76
3781050.45       14.24276  (12042618)
     402449.56   3781050.45      10.19234  (14102506)              402731.36
3781050.45       15.02169  (14091503)
     403013.16   3781050.45      70.67098  (12031616)              403294.96
3781050.45       12.64111  (12090501)
     403576.76   3781050.45       9.81054  (12031616)              403858.56
3781050.45        7.37714  (12031616)
     404140.36   3781050.45       4.87278  (12120116)              404422.16
3781050.45        4.44025  (12120116)
     404703.96   3781050.45       3.92295  (12120116)              399067.96
3781314.01        1.81974  (14090905)
     399349.76   3781314.01       1.90234  (13090623)              399631.56
3781314.01        2.11890  (13090623)
     399913.36   3781314.01       2.51586  (13090623)              400195.16
3781314.01        3.27209  (12022717)
     400476.96   3781314.01       4.16140  (12022717)              400758.76
3781314.01        4.96422  (12022717)
     401040.56   3781314.01       5.60069  (14020617)              401322.36
3781314.01        8.08037  (14020617)
     401604.16   3781314.01      18.24911  (12111715)              401885.96
3781314.01       21.57356  (12021515)
     402167.76   3781314.01      27.25357  (12120216)              402449.56
3781314.01       14.96440  (14102506)
     402731.36   3781314.01      18.33324  (12022708)              403013.16
3781314.01      109.12106  (12022708)
     403294.96   3781314.01      16.80237  (12031616)              403576.76
3781314.01       11.52017  (12120116)
     403858.56   3781314.01       8.07308  (12120116)              404140.36
3781314.01        5.49847  (12120116)
     404422.16   3781314.01       3.92523  (12120116)              404703.96
3781314.01        3.15560  (12081723)
     399067.96   3781577.57       1.81037  (13090623)              399349.76
3781577.57        1.88815  (13090706)
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      399631.56    3781577.57        2.25642  (16100902)                      399913.36
3781577.57        2.46583  (15100821)
      400195.16    3781577.57        2.84969  (14020617)                      400476.96
3781577.57        3.39428  (14020617)
      400758.76    3781577.57        4.52943  (12022717)                      401040.56
3781577.57        8.29875  (12022717)
      401322.36    3781577.57       15.94983  (12022717)                      401604.16
3781577.57       28.39063  (12022717)
      401885.96    3781577.57       98.85848  (12021515)                      402167.76
3781577.57      108.88159  (12031616)
      402449.56    3781577.57      149.35567  (12120116)                      402731.36
3781577.57      131.05223  (12120116)
      403013.16    3781577.57      139.72305  (12120116)                      403294.96
3781577.57       13.55267  (12093020)
      403576.76    3781577.57        7.84024  (16092519)                      403858.56
3781577.57        5.15935  (12071206)
      404140.36    3781577.57        4.62719  (12100119)                      404422.16
3781577.57        3.52838  (14091419)
      404703.96    3781577.57        3.15006  (14091419)                      399067.96
3781841.13        1.83211  (12120215)
      399349.76    3781841.13        2.17708  (12120215)                      399631.56
3781841.13        2.64762  (12120215)
      399913.36    3781841.13        3.30781  (12120215)                      400195.16
3781841.13        4.25933  (12120215)
      400476.96    3781841.13        6.65507  (12033117)                      400758.76
3781841.13       10.68474  (12033117)
      401040.56    3781841.13       20.52109  (12033117)                      401322.36
3781841.13       38.42153  (12033117)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                            PAGE 376
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
             L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
             L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
             L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **


     X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        401604.16   3781841.13       76.09502  (12033117)              402167.76
3781841.13       86.94649  (12121716)
        402449.56   3781841.13       40.23957  (12043018)              402731.36
3781841.13       19.88872  (12043018)
        403013.16   3781841.13       25.54770  (12090223)              403294.96
3781841.13       19.35190  (16061922)
        403576.76   3781841.13       13.61271  (15081220)              403858.56
3781841.13        5.52117  (16072221)
        404140.36   3781841.13        4.22689  (12071206)              404422.16
3781841.13        6.40540  (13082919)
        404703.96   3781841.13        3.64044  (12080720)              399067.96
3782104.69        2.72281  (12033117)
        399349.76   3782104.69        3.45948  (12033117)              399631.56
3782104.69        4.41631  (12033117)
        399913.36   3782104.69        5.59276  (12033117)              400195.16
3782104.69        8.87309  (15112117)
        400476.96   3782104.69       14.80631  (16072305)              400758.76
3782104.69        9.59709  (13021501)
        401040.56   3782104.69       28.03204  (13090623)              401322.36
3782104.69       36.48892  (13090603)
        401604.16   3782104.69       46.05505  (12092323)              401885.96
3782104.69       49.83457  (13082624)
        402167.76   3782104.69       38.35482  (15092101)              402449.56
3782104.69       31.17861  (15091021)
        402731.36   3782104.69       25.45802  (12080821)              403013.16
3782104.69       21.65353  (15063021)
        403294.96   3782104.69       17.41900  (13083101)              403576.76
3782104.69       14.59419  (14091320)
        403858.56   3782104.69        5.25151  (12043018)              404140.36
3782104.69       11.17732  (13083024)
        404422.16   3782104.69       10.19041  (14090723)              404703.96
3782104.69       10.15820  (14090723)
        399067.96   3782368.25        3.01443  (12033117)              399349.76
3782368.25        3.15897  (12033117)
        399631.56   3782368.25        4.87544  (15060922)              399913.36
3782368.25       10.55623  (15090901)
        400195.16   3782368.25       13.28060  (14090905)              400476.96
3782368.25       19.37780  (13090623)
        400758.76   3782368.25       22.19641  (13090706)              401040.56
3782368.25       26.15716  (15092105)
        401322.36   3782368.25       31.01101  (13082701)              401604.16
3782368.25       38.22750  (16081403)
        401885.96   3782368.25       35.20001  (13082624)              402167.76
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3782368.25        29.90846  (12100219)
        402449.56   3782368.25        28.57990  (13062822)                402731.36
3782368.25        24.32439  (14091424)
        403013.16   3782368.25        20.48367  (13090620)                403294.96
3782368.25        16.80665  (12081924)
        403576.76   3782368.25        14.62864  (13082920)                403858.56
3782368.25        11.91385  (15063021)
        404140.36   3782368.25        10.72732  (13090420)                404422.16
3782368.25        10.04623  (12082822)
        404703.96   3782368.25         8.80916  (14091320)                399067.96
3782631.81         1.85335  (12100202)
        399349.76   3782631.81         7.91002  (13092404)                399631.56
3782631.81         4.93108  (12091405)
        399913.36   3782631.81        14.24577  (13090623)                400195.16
3782631.81        15.45000  (15072504)
        400476.96   3782631.81        16.50596  (13090603)                400758.76
3782631.81        19.24541  (13090605)
        401040.56   3782631.81        24.85942  (16062005)                401322.36
3782631.81        27.78991  (15093002)
        401604.16   3782631.81        27.91572  (14091502)                401885.96
3782631.81        26.63828  (13082624)
        402167.76   3782631.81        24.73901  (12093020)                402449.56
3782631.81        23.01682  (16110917)
        402731.36   3782631.81        20.47965  (15091221)                403013.16
3782631.81        17.93832  (12090220)
        403294.96   3782631.81        15.75532  (12082820)                403576.76
3782631.81        13.45400  (12080924)
        403858.56   3782631.81        11.46678  (12081924)                404140.36
3782631.81        10.50467  (13083023)
        404422.16   3782631.81         9.60371  (14091723)                404703.96
3782631.81         8.57798  (14070522)
        399067.96   3782895.37         1.79889  (13090603)                399349.76
3782895.37         2.65297  (12011122)
        399631.56   3782895.37        11.58846  (15072504)                399913.36
3782895.37        13.26622  (15090806)
        400195.16   3782895.37        13.46937  (12100202)                400476.96
3782895.37        15.18847  (13062904)
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010

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, L0000011    , L0000012    , L0000013    ,
              L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
              L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .       ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)      CONC      (YYMMDDHH)            X-COORD (M)
Y-COORD (M)       CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
      400758.76   3782895.37       18.86122  (16062005)            401040.56
3782895.37       20.71492  (15101402)
      401322.36   3782895.37       22.49473  (15072705)            401604.16
3782895.37       21.69908  (12100206)
      401885.96   3782895.37       21.00074  (13082624)            402167.76
3782895.37       20.06593  (13012319)
      402449.56   3782895.37       18.91943  (16092519)            402731.36
3782895.37       17.37230  (15090824)
      403013.16   3782895.37       15.39482  (13082023)            403294.96
3782895.37       14.01212  (12081723)
      403576.76   3782895.37       12.52465  (14091419)            403858.56
3782895.37       11.22288  (13090620)
      404140.36   3782895.37       10.07880  (13082821)            404422.16
3782895.37        9.05184  (12081924)
      404703.96   3782895.37        8.28604  (12090420)            399067.96
3783158.93        2.83951  (13012505)
      399349.76   3783158.93       10.45028  (15090806)            399631.56
3783158.93       10.60104  (13090603)
      399913.36   3783158.93       11.47395  (15092105)            400195.16
3783158.93       13.04117  (16092906)
      400476.96   3783158.93       14.77983  (12081803)            400758.76
3783158.93       15.95387  (14100501)
      401040.56   3783158.93       17.96282  (15102324)            401322.36
3783158.93       18.40543  (14100506)
      401604.16   3783158.93       17.86714  (14091503)            401885.96
3783158.93       17.40345  (13082624)
      402167.76   3783158.93       16.65383  (13092320)            402449.56
3783158.93       15.82107  (13042102)
      402731.36   3783158.93       14.72129  (16110917)            403013.16
3783158.93       12.77657  (12090720)
      403294.96   3783158.93       12.54215  (12080922)            403576.76
3783158.93       11.37929  (12081723)
      403858.56   3783158.93       10.38611  (15091021)            404140.36
3783158.93        9.38629  (13082420)
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      404422.16    3783158.93         8.61940  (12082821)                404703.96
3783158.93         7.79657  (13082821)
      399067.96    3783422.49         9.47686  (13090603)                399349.76
3783422.49         9.12347  (12100202)
      399631.56    3783422.49         9.98972  (14040903)                399913.36
3783422.49        11.17727  (13090506)
      400195.16    3783422.49        12.53503  (12081803)                400476.96
3783422.49        13.48975  (15080404)
      400758.76    3783422.49        14.62909  (12101424)                401040.56
3783422.49        15.49215  (15072705)
      401322.36    3783422.49        15.10440  (14091823)                401604.16
3783422.49        14.84673  (12090123)
      401885.96    3783422.49        14.81728  (13082624)                402167.76
3783422.49        14.26461  (15043023)
      402449.56    3783422.49        13.56301  (16102423)                402731.36
3783422.49        13.00257  (16092519)
      403013.16    3783422.49        10.76316  (12080921)                403294.96
3783422.49        11.29119  (13062822)
      403576.76    3783422.49        10.36712  (12080922)                403858.56
3783422.49         9.46384  (12081723)
      404140.36    3783422.49         8.75301  (14091424)                404422.16
3783422.49         7.92129  (12082820)
      404703.96    3783422.49         6.90170  (12080920)                399067.96
3783686.05         8.10903  (16110402)
      399349.76    3783686.05         8.99179  (13090605)                399631.56
3783686.05         9.89084  (13090506)
      399913.36    3783686.05        10.70272  (12081803)                400195.16
3783686.05        11.49337  (12092323)
      400476.96    3783686.05        12.30561  (12081906)                400758.76
3783686.05        12.93707  (16042224)
      401040.56    3783686.05        13.44566  (16100802)                401322.36
3783686.05        12.79654  (13082524)
      401604.16    3783686.05        12.50786  (12091605)                401885.96
3783686.05        12.07586  (13082624)
      402167.76    3783686.05        11.46652  (16072224)                402449.56
3783686.05        10.97813  (14080322)
      402731.36    3783686.05         9.31739  (14091824)                403013.16
3783686.05         7.43878  (14051820)
      403294.96    3783686.05        10.07278  (15090824)                403576.76
3783686.05         9.43666  (15060902)
      403858.56    3783686.05         8.71091  (12080922)                404140.36
3783686.05         8.10198  (13082901)
      404422.16    3783686.05         7.55858  (14091424)                404703.96
3783686.05         5.91455  (15091020)
      399067.96    3783949.61         7.88754  (13062904)                399349.76
3783949.61         8.60668  (13090506)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                               INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        399631.56   3783949.61   9.26267 (12081803)   399913.36
3783949.61   9.82893 (12092323)
        400195.16   3783949.61   10.45345 (15101402)   400476.96
3783949.61   10.98254 (12110603)
        400758.76   3783949.61   11.45701 (15072705)   401040.56
3783949.61   11.66755 (15080504)
        401322.36   3783949.61   11.21550 (12100206)   401604.16
3783949.61   10.74131 (16072205)
        401885.96   3783949.61   8.32138 (16091906)   402167.76
3783949.61   7.04806 (13030301)
        402449.56   3783949.61   8.08914 (16090406)   402731.36
3783949.61   6.25796 (12050621)
        403013.16   3783949.61   9.18480 (13101921)   403294.96
3783949.61   9.17270 (15092101)
        403576.76   3783949.61   8.58875 (12090720)   403858.56
3783949.61   8.09177 (13031319)
        404140.36   3783949.61   7.57101 (15101321)   404422.16
3783949.61   6.12241 (12091020)
        404703.96   3783949.61   5.20636 (16072522)   399067.96
3784213.17   7.64244 (15092402)
        399349.76   3784213.17   8.14445 (12081803)   399631.56
3784213.17   8.61021 (15100801)
        399913.36   3784213.17   9.12940 (14100501)   400195.16
3784213.17   8.87368 (12101424)
        400476.96   3784213.17   8.23575 (13012703)   400758.76

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3784213.17          8.06849  (16092221)
      401040.56    3784213.17       10.04547  (14091823)           401322.36
3784213.17          9.98136  (16072404)
      401604.16    3784213.17        9.81011  (14091422)           401885.96
3784213.17          6.37090  (13051722)
      402167.76    3784213.17        3.61711  (15022819)           402449.56
3784213.17          5.12503  (12082705)
      402731.36    3784213.17        8.19623  (12090501)           403013.16
3784213.17          8.59028  (15102804)
      403294.96    3784213.17        8.30299  (13072221)           403576.76
3784213.17          7.89999  (12080921)
      403858.56    3784213.17        7.06948  (12100119)           404140.36
3784213.17          5.71676  (12092420)
      404422.16    3784213.17        4.09494  (12090219)           404703.96
3784213.17          5.14452  (12091020)
      401308.88    3781008.78        5.80996  (14020617)           401328.88
3781008.78          5.89723  (14020617)
      401348.88    3781008.78        5.99622  (14020617)           401368.88
3781008.78          6.14239  (12021216)
      401388.88    3781008.78        6.90821  (12111715)           401408.88
3781008.78          7.76670  (12111715)
      401428.88    3781008.78        8.66447  (12111715)           401448.88
3781008.78          9.53977  (12111715)
      401468.88    3781008.78       10.33858  (12111715)           401488.88
3781008.78         11.06031  (12111715)
      401508.88    3781008.78       11.68966  (12111715)           401528.88
3781008.78         12.17154  (12111715)
      401548.88    3781008.78       12.49924  (12111715)           401568.88
3781008.78         12.67686  (12111715)
      401588.88    3781008.78       12.67880  (12111715)           401608.88
3781008.78         12.53880  (12111715)
      401628.88    3781008.78       12.79862  (12021515)           401648.88
3781008.78         13.18086  (12021515)
      401668.88    3781008.78       13.37507  (12021515)           401688.88
3781008.78         13.35679  (12021515)
      401708.88    3781008.78       13.12418  (12021515)           401728.88
3781008.78         12.72593  (12021515)
      401748.88    3781008.78       12.16461  (12021515)           401768.88
3781008.78         11.46748  (12021515)
      401788.88    3781008.78       10.68038  (12021515)           401808.88
3781008.78          9.81600  (12021515)
      401828.88    3781008.78        8.93164  (12021515)           401848.88
3781008.78          8.29010  (13071806)
      401868.88    3781008.78        8.35730  (13071806)           401888.88
3781008.78          8.42579  (13071806)
      401908.88    3781008.78        8.48628  (13071806)           401928.88
3781008.78          8.65947  (12101116)
      401948.88    3781008.78        9.21869  (12101116)           401968.88
3781008.78          9.65084  (12101116)
      401988.88    3781008.78        9.94247  (12101116)           402008.88
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   3781008.78      10.08413  (12101116)
        402028.88  3781008.78      10.03836  (12101116)              402048.88
   3781008.78       9.90011  (12101116)
        402068.88  3781008.78      10.17392  (12042618)              402088.88
   3781008.78      11.00197  (12042618)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 379
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402108.88 3781008.78   11.74159 (12042618)   402128.88
   3781008.78   12.32815 (12042618)
        402148.88 3781008.78   12.74856 (12042618)   402168.88
   3781008.78   12.98258 (12042618)
        402188.88 3781008.78   13.07540 (12042618)   402208.88
   3781008.78   13.00919 (12042618)
        402228.88 3781008.78   12.79267 (12042618)   402248.88
   3781008.78   12.75292 (12120216)
        402268.88 3781008.78   13.06040 (12120216)   402288.88
   3781008.78   13.18896 (12120216)
        402308.88 3781008.78   13.11730 (12120216)   402328.88
   3781008.78   12.90227 (12120216)
        402348.88 3781008.78   12.49825 (12120216)   402368.88
   3781008.78   11.96909 (12120216)
        402388.88 3781008.78   11.32802 (12120216)   402408.88
   3781008.78   10.59638 (12120216)

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    402428.88   3781008.78        9.81285  (12120216)            402448.88
3781008.78        9.83754  (14100506)
    402468.88   3781008.78        9.99033  (14100506)            402488.88
3781008.78       10.14183  (14100506)
    402508.88   3781008.78       10.33318  (15080504)            401308.88
3781028.78        5.93533  (14020617)
    401328.88   3781028.78        6.02187  (14020617)            401348.88
3781028.78        6.13765  (14020617)
    401368.88   3781028.78        6.23279  (14020617)            401388.88
3781028.78        6.64086  (12111715)
    401408.88   3781028.78        7.58449  (12111715)            401428.88
3781028.78        8.50473  (12111715)
    401448.88   3781028.78        9.41908  (12111715)            401468.88
3781028.78       10.31717  (12111715)
    401488.88   3781028.78       11.11179  (12111715)            401508.88
3781028.78       11.82084  (12111715)
    401528.88   3781028.78       12.41207  (12111715)            401548.88
3781028.78       12.84592  (12111715)
    401568.88   3781028.78       13.11859  (12111715)            401588.88
3781028.78       13.20434  (12111715)
    401608.88   3781028.78       13.13359  (12111715)            401628.88
3781028.78       13.11670  (12021515)
    401648.88   3781028.78       13.58557  (12021515)            401668.88
3781028.78       13.85270  (12021515)
    401688.88   3781028.78       13.90728  (12021515)            401708.88
3781028.78       13.73932  (12021515)
    401728.88   3781028.78       13.38256  (12021515)            401748.88
3781028.78       12.84891  (12021515)
    401768.88   3781028.78       12.15499  (12021515)            401788.88
3781028.78       11.35695  (12021515)
    401808.88   3781028.78       10.47270  (12021515)            401828.88
3781028.78        9.55691  (12021515)
    401848.88   3781028.78        8.61830  (12021515)            401868.88
3781028.78        8.65176  (13071806)
    401888.88   3781028.78        8.73410  (13071806)            401908.88
3781028.78        8.79324  (13071806)
    401928.88   3781028.78        9.06803  (12101116)            401948.88
3781028.78        9.64976  (12101116)
    401968.88   3781028.78       10.08681  (12101116)            401988.88
3781028.78       10.36929  (12101116)
    402008.88   3781028.78       10.49188  (12101116)            402028.88
3781028.78       10.42866  (12101116)
    402048.88   3781028.78       10.25190  (12101116)            402068.88
3781028.78       10.86903  (12042618)
    402088.88   3781028.78       11.71515  (12042618)            402108.88
3781028.78       12.41215  (12042618)
    402128.88   3781028.78       12.97823  (12042618)            402148.88
3781028.78       13.37609  (12042618)
    402168.88   3781028.78       13.55091  (12042618)            402188.88
3781028.78       13.58974  (12042618)
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      402208.88   3781028.78      13.45521  (12042618)              402228.88
3781028.78      13.17048  (12042618)
      402248.88   3781028.78      13.46219  (12120216)              402268.88
3781028.78      13.69241  (12120216)
      402288.88   3781028.78      13.72799  (12120216)              402308.88
3781028.78      13.54966  (12120216)
      402328.88   3781028.78      13.23541  (12120216)              402348.88
3781028.78      12.71632  (12120216)
      402368.88   3781028.78      12.09371  (12120216)              402388.88
3781028.78      11.36941  (12120216)
      402408.88   3781028.78      10.55787  (12120216)              402428.88
3781028.78       9.85822  (15091906)
      402448.88   3781028.78       9.99640  (14100506)              402468.88
3781028.78      10.13413  (14100506)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                                PAGE 380
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                               ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
      402488.88   3781028.78   10.28763 (15080504)   402508.88
3781028.78   10.46274 (15080504)
      401308.88   3781048.78   6.04899 (14020617)   401328.88
3781048.78   6.15541 (14020617)
      401348.88   3781048.78   6.26153 (14020617)   401368.88
3781048.78   6.36142 (14020617)
      401388.88   3781048.78   6.51579 (12021216)   401408.88
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3781048.78         7.31297  (12111715)
    401428.88   3781048.78        8.29111  (12111715)                401448.88
3781048.78         9.27612  (12111715)
    401468.88   3781048.78       10.22488  (12111715)                401488.88
3781048.78        11.11300  (12111715)
    401508.88   3781048.78       11.96045  (12111715)                401528.88
3781048.78        12.63995  (12111715)
    401548.88   3781048.78       13.16881  (12111715)                401568.88
3781048.78        13.53919  (12111715)
    401588.88   3781048.78       13.73130  (12111715)                401608.88
3781048.78        13.78642  (12111715)
    401628.88   3781048.78       13.63181  (12111715)                401648.88
3781048.78        14.02883  (12021515)
    401668.88   3781048.78       14.36219  (12021515)                401688.88
3781048.78        14.46417  (12021515)
    401708.88   3781048.78       14.37585  (12021515)                401728.88
3781048.78        14.06688  (12021515)
    401748.88   3781048.78       13.55993  (12021515)                401768.88
3781048.78        12.88261  (12021515)
    401788.88   3781048.78       12.08022  (12021515)                401808.88
3781048.78        11.17114  (12021515)
    401828.88   3781048.78       10.22740  (12021515)                401848.88
3781048.78         9.23783  (12021515)
    401868.88   3781048.78        8.97096  (13071806)                401888.88
3781048.78         9.05132  (13071806)
    401908.88   3781048.78        9.11501  (15120908)                401928.88
3781048.78         9.48836  (12101116)
    401948.88   3781048.78       10.08430  (12101116)                401968.88
3781048.78        10.51594  (12101116)
    401988.88   3781048.78       10.79644  (12101116)                402008.88
3781048.78        10.89509  (12101116)
    402028.88   3781048.78       10.79456  (12101116)                402048.88
3781048.78        10.61404  (12042618)
    402068.88   3781048.78       11.58804  (12042618)                402088.88
3781048.78        12.45041  (12042618)
    402108.88   3781048.78       13.12758  (12042618)                402128.88
3781048.78        13.67966  (12042618)
    402148.88   3781048.78       14.01619  (12042618)                402168.88
3781048.78        14.19938  (12042618)
    402188.88   3781048.78       14.14193  (12042618)                402208.88
3781048.78        13.90079  (12042618)
    402228.88   3781048.78       13.80783  (12120216)                402248.88
3781048.78        14.16748  (12120216)
    402268.88   3781048.78       14.30593  (12120216)                402288.88
3781048.78        14.24307  (12120216)
    402308.88   3781048.78       13.94326  (12120216)                402328.88
3781048.78        13.49756  (12120216)
    402348.88   3781048.78       12.89841  (12120216)                402368.88
3781048.78        12.16854  (12120216)
    402388.88   3781048.78       11.35492  (12120216)                402408.88
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3781048.78         10.47433   (12120216)
        402428.88    3781048.78          10.08463   (14102506)                    402448.88
3781048.78         10.16876   (14102506)
        402468.88    3781048.78          10.29058   (14100506)                    402488.88
3781048.78         10.43548   (15080504)
        402508.88    3781048.78          10.60464   (15080504)                    401308.88
3781068.78          6.17643   (14020617)
        401328.88    3781068.78           6.27793   (14020617)                    401348.88
3781068.78          6.39458   (14020617)
        401368.88    3781068.78           6.50072   (14020617)                    401388.88
3781068.78          6.62681   (14020617)
        401408.88    3781068.78           7.02908   (12111715)                    401428.88
3781068.78          8.05189   (12111715)
        401448.88    3781068.78           9.07664   (12111715)                    401468.88
3781068.78         10.08937   (12111715)
        401488.88    3781068.78          11.09125   (12111715)                    401508.88
3781068.78         12.00932   (12111715)
        401528.88    3781068.78          12.82783   (12111715)                    401548.88
3781068.78         13.45409   (12111715)
        401568.88    3781068.78          13.95032   (12111715)                    401588.88
3781068.78         14.24953   (12111715)
        401608.88    3781068.78          14.40396   (12111715)                    401628.88
3781068.78         14.33314   (12111715)
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                              PAGE 381
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        401648.88    3781068.78        14.43283  (12021515)                401668.88
3781068.78        14.90135  (12021515)
        401688.88    3781068.78        15.07392  (12021515)                401708.88
3781068.78        15.03059  (12021515)
        401728.88    3781068.78        14.79359  (12021515)                401748.88
3781068.78        14.31102  (12021515)
        401768.88    3781068.78        13.64839  (12021515)                401788.88
3781068.78        12.84569  (12021515)
        401808.88    3781068.78        11.94621  (12021515)                401828.88
3781068.78        10.95578  (12021515)
        401848.88    3781068.78         9.92105  (12021515)                401868.88
3781068.78         9.31610  (13071806)
        401888.88    3781068.78         9.40113  (13071806)                401908.88
3781068.78         9.47430  (15120908)
        401928.88    3781068.78         9.93594  (12101116)                401948.88
3781068.78        10.55880  (12101116)
        401968.88    3781068.78        11.01911  (12101116)                401988.88
3781068.78        11.28046  (12101116)
        402008.88    3781068.78        11.37563  (12101116)                402028.88
3781068.78        11.21429  (12101116)
        402048.88    3781068.78        11.39645  (12042618)                402068.88
3781068.78        12.39558  (12042618)
        402088.88    3781068.78        13.25061  (12042618)                402108.88
3781068.78        13.89498  (12042618)
        402128.88    3781068.78        14.40658  (12042618)                402148.88
3781068.78        14.69974  (12042618)
        402168.88    3781068.78        14.76148  (12042618)                402188.88
3781068.78        14.64456  (12042618)
        402208.88    3781068.78        14.34055  (12042618)                402228.88
3781068.78        14.58767  (12120216)
        402248.88    3781068.78        14.85484  (12120216)                402268.88
3781068.78        14.89513  (12120216)
        402288.88    3781068.78        14.70998  (12120216)                402308.88
3781068.78        14.30981  (12120216)
        402328.88    3781068.78        13.73372  (12120216)                402348.88
3781068.78        13.02470  (12120216)
        402368.88    3781068.78        12.22064  (12120216)                402388.88
3781068.78        11.32523  (12120216)
        402408.88    3781068.78        10.37578  (12120216)                402428.88
3781068.78        10.34431  (14102506)
        402448.88    3781068.78        10.41598  (14102506)                402468.88
3781068.78        10.47708  (14102506)
        402488.88    3781068.78        10.59775  (15080504)                402508.88
3781068.78        10.75681  (14091502)
        401308.88    3781088.78         6.31370  (14020617)                401328.88
3781088.78         6.41312  (14020617)
        401348.88    3781088.78         6.53147  (14020617)                401368.88
3781088.78         6.64402  (14020617)
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        401388.88    3781088.78        6.79054  (14020617)            401408.88
3781088.78        6.94006  (12021216)
        401428.88    3781088.78        7.76590  (12111715)            401448.88
3781088.78        8.83407  (12111715)
        401468.88    3781088.78        9.91555  (12111715)            401488.88
3781088.78       11.00834  (12111715)
        401508.88    3781088.78       12.00881  (12111715)            401528.88
3781088.78       12.93256  (12111715)
        401548.88    3781088.78       13.70045  (12111715)            401568.88
3781088.78       14.33077  (12111715)
        401588.88    3781088.78       14.75521  (12111715)            401608.88
3781088.78       15.00105  (12111715)
        401628.88    3781088.78       15.00353  (12111715)            401648.88
3781088.78       14.79002  (12111715)
        401668.88    3781088.78       15.35447  (12021515)            401688.88
3781088.78       15.69495  (12021515)
        401708.88    3781088.78       15.69758  (12021515)            401728.88
3781088.78       15.50895  (12021515)
        401748.88    3781088.78       15.09703  (12021515)            401768.88
3781088.78       14.46102  (12021515)
        401788.88    3781088.78       13.66502  (12021515)            401808.88
3781088.78       12.74757  (12021515)
        401828.88    3781088.78       11.73245  (12021515)            401848.88
3781088.78       10.65343  (12021515)
        401868.88    3781088.78        9.68815  (13071806)            401888.88
3781088.78        9.77455  (13071806)
        401908.88    3781088.78        9.86894  (15120908)            401928.88
3781088.78       10.42223  (12101116)
        401948.88    3781088.78       11.04276  (12101116)            401968.88
3781088.78       11.48024  (12101116)
        401988.88    3781088.78       11.75081  (12101116)            402008.88
3781088.78       11.81589  (12101116)
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                            ***   05:36:20

                          PAGE 382

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
   -
- -
        402028.88   3781088.78   11.65573 (12101116)   402048.88
3781088.78   12.21544 (12042618)
        402068.88   3781088.78   13.25583 (12042618)   402088.88
3781088.78   14.06295 (12042618)
        402108.88   3781088.78   14.71495 (12042618)   402128.88
3781088.78   15.15679 (12042618)
        402148.88   3781088.78   15.37647 (12042618)   402168.88
3781088.78   15.35242 (12042618)
        402188.88   3781088.78   15.16180 (12042618)   402208.88
3781088.78   14.96999 (12120216)
        402228.88   3781088.78   15.38600 (12120216)   402248.88
3781088.78   15.55344 (12120216)
        402268.88   3781088.78   15.48293 (12120216)   402288.88
3781088.78   15.18161 (12120216)
        402308.88   3781088.78   14.64485 (12120216)   402328.88
3781088.78   13.95437 (12120216)
        402348.88   3781088.78   13.12953 (12120216)   402368.88
3781088.78   12.20644 (12120216)
        402388.88   3781088.78   11.24758 (12120216)   402408.88
3781088.78   10.52928 (14102506)
        402428.88   3781088.78   10.60710 (14102506)   402448.88
3781088.78   10.65853 (14102506)
        402468.88   3781088.78   10.71447 (14102506)   402488.88
3781088.78   10.76658 (15080504)
        402508.88   3781088.78   10.93426 (14091502)   401308.88
3781108.78   6.44454 (14020617)
        401328.88   3781108.78   6.56621 (14020617)   401348.88
3781108.78   6.68000 (14020617)
        401368.88   3781108.78   6.79934 (14020617)   401388.88
3781108.78   6.95799 (14020617)
        401408.88   3781108.78   7.08319 (14020617)   401428.88
3781108.78   7.44202 (12111715)
        401448.88   3781108.78   8.54923 (12111715)   401468.88
3781108.78   9.70392 (12111715)
        401488.88   3781108.78   10.88209 (12111715)   401508.88
3781108.78   11.97154 (12111715)
        401528.88   3781108.78   13.01081 (12111715)   401548.88
3781108.78   13.89248 (12111715)
        401568.88   3781108.78   14.66427 (12111715)   401588.88

3781108.78   15.22550 (12111715)
        401608.88   3781108.78   15.57963 (12111715)   401628.88
3781108.78   15.70846 (12111715)
        401648.88   3781108.78   15.60489 (12111715)   401668.88
3781108.78   15.86960 (12021515)
        401688.88   3781108.78   16.31265 (12021515)   401708.88
3781108.78   16.38448 (12021515)
        401728.88   3781108.78   16.28933 (12021515)   401748.88
3781108.78   15.92388 (12021515)
        401768.88   3781108.78   15.32849 (12021515)   401788.88
3781108.78   14.55227 (12021515)
        401808.88   3781108.78   13.63189 (12021515)   401828.88
3781108.78   12.57668 (12021515)
        401848.88   3781108.78   11.45186 (12021515)   401868.88
3781108.78   10.27680 (12021515)
        401888.88   3781108.78   10.19766 (15120908)   401908.88
3781108.78   10.29185 (15120908)
        401928.88   3781108.78   10.95246 (12101116)   401948.88
3781108.78   11.58938 (12101116)
        401968.88   3781108.78   12.01513 (12101116)   401988.88
3781108.78   12.22318 (12101116)
        402008.88   3781108.78   12.29957 (12101116)   402028.88
3781108.78   12.11828 (12101116)
        402048.88   3781108.78   13.11692 (12042618)   402068.88
3781108.78   14.13488 (12042618)
        402088.88   3781108.78   14.93924 (12042618)   402108.88
3781108.78   15.55586 (12042618)
        402128.88   3781108.78   15.96146 (12042618)   402148.88
3781108.78   16.14922 (12042618)
        402168.88   3781108.78   15.98853 (12042618)   402188.88
3781108.78   15.73072 (12042618)
        402208.88   3781108.78   15.88029 (12120216)   402228.88
3781108.78   16.19615 (12120216)
        402248.88   3781108.78   16.24574 (12120216)   402268.88
3781108.78   16.03134 (12120216)
        402288.88   3781108.78   15.59429 (12120216)   402308.88
3781108.78   14.92715 (12120216)
        402328.88   3781108.78   14.12778 (12120216)   402348.88
3781108.78   13.19281 (12120216)
        402368.88   3781108.78   12.19736 (12120216)   402388.88
3781108.78   11.14356 (12120216)
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 383
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

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VALUES FOR SOURCE GROUP:  ALL       ***
                                INCLUDING SOURCE(S):    L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   ,  . . .     ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10    IN MICROGRAMS/M**3
               **


     X-COORD (M)  Y-COORD (M)       CONC     (YYMMDDHH)           X-COORD (M)
Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        402408.88   3781108.78       10.81544 (14102506)           402428.88
3781108.78       10.87235 (14102506)
        402448.88   3781108.78       10.94714 (14102506)           402468.88
3781108.78       10.97020 (14102506)
        402488.88   3781108.78       11.01053 (14102506)           402508.88
3781108.78       11.12198 (14091502)
        401308.88   3781128.78        6.57481 (14020617)           401328.88
3781128.78        6.70551 (14020617)
        401348.88   3781128.78        6.83306 (14020617)           401368.88
3781128.78        6.95830 (14020617)
        401388.88   3781128.78        7.12535 (14020617)           401408.88
3781128.78        7.27875 (14020617)
        401428.88   3781128.78        7.43051 (14020617)           401448.88
3781128.78        8.23134 (12111715)
        401468.88   3781128.78        9.43774 (12111715)           401488.88
3781128.78       10.68851 (12111715)
        401508.88   3781128.78       11.89583 (12111715)           401528.88
3781128.78       13.05026 (12111715)
        401548.88   3781128.78       14.03400 (12111715)           401568.88
3781128.78       14.95046 (12111715)
        401588.88   3781128.78       15.63939 (12111715)           401608.88
3781128.78       16.14322 (12111715)
        401628.88   3781128.78       16.39478 (12111715)           401648.88
3781128.78       16.41201 (12111715)
        401668.88   3781128.78       16.29774 (12021515)           401688.88
3781128.78       16.85177 (12021515)
        401708.88   3781128.78       17.10205 (12021515)           401728.88
3781128.78       17.09747 (12021515)
        401748.88   3781128.78       16.80842 (12021515)           401768.88
3781128.78       16.25738 (12021515)
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     401788.88    3781128.78        15.51815  (12021515)                  401808.88
3781128.78       14.57035  (12021515)
     401828.88    3781128.78        13.48823  (12021515)                  401848.88
3781128.78       12.33474  (12021515)
     401868.88    3781128.78        11.08589  (12021515)                  401888.88
3781128.78       10.65438  (15120908)
     401908.88    3781128.78        10.75931  (15120908)                  401928.88
3781128.78       11.51217  (12101116)
     401948.88    3781128.78        12.16238  (12101116)                  401968.88
3781128.78       12.57518  (12101116)
     401988.88    3781128.78        12.81912  (12101116)                  402008.88
3781128.78       12.80963  (12101116)
     402028.88    3781128.78        12.85680  (12042618)                  402048.88
3781128.78       14.04627  (12042618)
     402068.88    3781128.78        15.09495  (12042618)                  402088.88
3781128.78       15.87400  (12042618)
     402108.88    3781128.78        16.43206  (12042618)                  402128.88
3781128.78       16.76192  (12042618)
     402148.88    3781128.78        16.80862  (12042618)                  402168.88
3781128.78       16.66032  (12042618)
     402188.88    3781128.78        16.36216  (12120216)                  402208.88
3781128.78       16.80753  (12120216)
     402228.88    3781128.78        16.99744  (12120216)                  402248.88
3781128.78       16.90637  (12120216)
     402268.88    3781128.78        16.55678  (12120216)                  402288.88
3781128.78       15.96142  (12120216)
     402308.88    3781128.78        15.16817  (12120216)                  402328.88
3781128.78       14.26058  (12120216)
     402348.88    3781128.78        13.21220  (12120216)                  402368.88
3781128.78       12.08998  (12120216)
     402388.88    3781128.78        11.03955  (14102506)                  402408.88
3781128.78       11.11308  (14102506)
     402428.88    3781128.78        11.15850  (14102506)                  402448.88
3781128.78       11.22453  (14102506)
     402468.88    3781128.78        11.24737  (14102506)                  402488.88
3781128.78       11.27480  (14102506)
     402508.88    3781128.78        11.38355  (12022708)                  401308.88
3781148.78        6.71081  (14020617)
     401328.88    3781148.78         6.86035  (14020617)                  401348.88
3781148.78        7.00947  (14020617)
     401368.88    3781148.78         7.12407  (14020617)                  401388.88
3781148.78        7.27313  (14020617)
     401408.88    3781148.78         7.45597  (14020617)                  401428.88
3781148.78        7.61479  (14020617)
     401448.88    3781148.78         7.87443  (12111715)                  401468.88
3781148.78        9.12145  (12111715)
     401488.88    3781148.78        10.45163  (12111715)                  401508.88
3781148.78       11.73603  (12111715)
     401528.88    3781148.78        12.98443  (12111715)                  401548.88
3781148.78       14.11519  (12111715)
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

                                   PAGE 384
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                 *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401568.88   3781148.78   15.17477 (12111715)   401588.88
3781148.78   16.03960 (12111715)
        401608.88   3781148.78   16.68432 (12111715)   401628.88
3781148.78   17.08489 (12111715)
        401648.88   3781148.78   17.20038 (12111715)   401668.88
3781148.78   17.03252 (12111715)
        401688.88   3781148.78   17.41657 (12021515)   401708.88
3781148.78   17.81558 (12021515)
        401728.88   3781148.78   17.90907 (12021515)   401748.88
3781148.78   17.70846 (12021515)
        401768.88   3781148.78   17.22745 (12021515)   401788.88
3781148.78   16.50944 (12021515)
        401808.88   3781148.78   15.56894 (12021515)   401828.88
3781148.78   14.46888 (12021515)
        401848.88   3781148.78   13.25735 (12021515)   401868.88
3781148.78   11.96614 (12021515)
        401888.88   3781148.78   11.15504 (15042107)   401908.88
3781148.78   11.24305 (12101116)
        401928.88   3781148.78   12.09549 (12101116)   401948.88
3781148.78   12.74982 (12101116)
        401968.88   3781148.78   13.17242 (12101116)   401988.88

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3781148.78       13.40532  (12101116)
      402008.88   3781148.78      13.38010  (12101116)                402028.88
3781148.78       13.85938  (12042618)
      402048.88   3781148.78      15.05008  (12042618)                402068.88
3781148.78       16.07245  (12042618)
      402088.88   3781148.78      16.84035  (12042618)                402108.88
3781148.78       17.36252  (12042618)
      402128.88   3781148.78      17.61777  (12042618)                402148.88
3781148.78       17.59220  (12042618)
      402168.88   3781148.78      17.31865  (12042618)                402188.88
3781148.78       17.38394  (12120216)
      402208.88   3781148.78      17.70769  (12120216)                402228.88
3781148.78       17.74082  (12120216)
      402248.88   3781148.78      17.49850  (12120216)                402268.88
3781148.78       16.99564  (12120216)
      402288.88   3781148.78      16.25966  (12120216)                402308.88
3781148.78       15.33944  (12120216)
      402328.88   3781148.78      14.28354  (12120216)                402348.88
3781148.78       13.12757  (12120216)
      402368.88   3781148.78      11.92901  (12120216)                402388.88
3781148.78       11.35158  (14102506)
      402408.88   3781148.78      11.40398  (14102506)                402428.88
3781148.78       11.45337  (14102506)
      402448.88   3781148.78      11.49444  (14102506)                402468.88
3781148.78       11.52387  (14102506)
      402488.88   3781148.78      11.54184  (14102506)                402508.88
3781148.78       11.66688  (12022708)
      401308.88   3781168.78       6.84317  (14020617)                401328.88
3781168.78        6.99913  (14020617)
      401348.88   3781168.78       7.15969  (14020617)                401368.88
3781168.78        7.29225  (14020617)
      401388.88   3781168.78       7.47025  (14020617)                401408.88
3781168.78        7.64659  (14020617)
      401428.88   3781168.78       7.81681  (14020617)                401448.88
3781168.78        7.96887  (14020617)
      401468.88   3781168.78       8.76378  (12111715)                401488.88
3781168.78       10.13549  (12111715)
      401508.88   3781168.78      11.50779  (12111715)                401528.88
3781168.78       12.88887  (12111715)
      401548.88   3781168.78      14.13175  (12111715)                401568.88
3781168.78       15.36687  (12111715)
      401588.88   3781168.78      16.40850  (12111715)                401608.88
3781168.78       17.22949  (12111715)
      401628.88   3781168.78      17.76400  (12111715)                401648.88
3781168.78       18.06228  (12111715)
      401668.88   3781168.78      17.99207  (12111715)                401688.88
3781168.78       18.02351  (12021515)
      401708.88   3781168.78      18.56543  (12021515)                401728.88
3781168.78       18.76214  (12021515)
      401748.88   3781168.78      18.67814  (12021515)                401768.88
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3781168.78        18.26731  (12021515)
        401788.88    3781168.78        17.58567  (12021515)                    401808.88
3781168.78        16.66834  (12021515)
        401828.88    3781168.78        15.54416  (12021515)                    401848.88
3781168.78        14.31971  (12021515)
        401868.88    3781168.78        12.91405  (12021515)                    401888.88
3781168.78        11.86266  (15042107)
        401908.88    3781168.78        11.89923  (12101116)                    401928.88
3781168.78        12.76166  (12101116)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401948.88   3781168.78   13.44320 (12101116)   401968.88
3781168.78   13.88087 (12101116)
        401988.88   3781168.78   14.06930 (12101116)   402008.88
3781168.78   13.99187 (12101116)
        402028.88   3781168.78   14.95115 (12042618)   402048.88
3781168.78   16.17431 (12042618)
        402068.88   3781168.78   17.18491 (12042618)   402088.88
3781168.78   17.90822 (12042618)
        402108.88   3781168.78   18.39892 (12042618)   402128.88
3781168.78   18.51691 (12042618)
        402148.88   3781168.78   18.38856 (12042618)   402168.88
3781168.78   18.00013 (12042618)

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       402188.88   3781168.78        18.44968  (12120216)                402208.88
3781168.78        18.62814  (12120216)
       402228.88   3781168.78        18.55799  (12120216)                402248.88
3781168.78        18.15347  (12120216)
       402268.88   3781168.78        17.49214  (12120216)                402288.88
3781168.78        16.60117  (12120216)
       402308.88   3781168.78        15.47680  (12120216)                402328.88
3781168.78        14.32877  (12120216)
       402348.88   3781168.78        13.07267  (12120216)                402368.88
3781168.78        11.78516  (12120216)
       402388.88   3781168.78        11.72267  (14102506)                402408.88
3781168.78        11.76389  (14102506)
       402428.88   3781168.78        11.80256  (14102506)                402448.88
3781168.78        11.82292  (14102506)
       402468.88   3781168.78        11.85558  (14102506)                402488.88
3781168.78        11.82164  (14102506)
       402508.88   3781168.78        11.96722  (12022708)                401308.88
3781188.78         6.98340  (14020617)
       401328.88   3781188.78         7.14757  (14020617)                401348.88
3781188.78         7.31609  (14020617)
       401368.88   3781188.78         7.46483  (14020617)                401388.88
3781188.78         7.65089  (14020617)
       401408.88   3781188.78         7.83846  (14020617)                401428.88
3781188.78         8.02637  (14020617)
       401448.88   3781188.78         8.19726  (14020617)                401468.88
3781188.78         8.41918  (12021216)
       401488.88   3781188.78         9.77389  (12111715)                401508.88
3781188.78        11.22294  (12111715)
       401528.88   3781188.78        12.71413  (12111715)                401548.88
3781188.78        14.07939  (12111715)
       401568.88   3781188.78        15.46893  (12111715)                401588.88
3781188.78        16.67909  (12111715)
       401608.88   3781188.78        17.67443  (12111715)                401628.88
3781188.78        18.42720  (12111715)
       401648.88   3781188.78        18.85613  (12111715)                401668.88
3781188.78        18.92808  (12111715)
       401688.88   3781188.78        18.73153  (12111715)                401708.88
3781188.78        19.30441  (12021515)
       401728.88   3781188.78        19.65065  (12021515)                401748.88
3781188.78        19.67245  (12021515)
       401768.88   3781188.78        19.33804  (12021515)                401788.88
3781188.78        18.70958  (12021515)
       401808.88   3781188.78        17.78947  (12021515)                401828.88
3781188.78        16.66740  (12021515)
       401848.88   3781188.78        15.40760  (12021515)                401868.88
3781188.78        13.96215  (12021515)
       401888.88   3781188.78        12.60581  (15042107)                401908.88
3781188.78        12.58661  (12101116)
       401928.88   3781188.78        13.45994  (12101116)                401948.88
3781188.78        14.14880  (12101116)
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          401968.88    3781188.78       14.57443  (12101116)                   401988.88
3781188.78       14.74654  (12101116)
          402008.88    3781188.78       14.65832  (12042618)                   402028.88
3781188.78       16.11544  (12042618)
          402048.88    3781188.78       17.39254  (12042618)                   402068.88
3781188.78       18.38512  (12042618)
          402088.88    3781188.78       19.03261  (12042618)                   402108.88
3781188.78       19.41416  (12042618)
          402128.88    3781188.78       19.41585  (12042618)                   402148.88
3781188.78       19.14379  (12042618)
          402168.88    3781188.78       19.09706  (12120216)                   402188.88
3781188.78       19.51625  (12120216)
          402208.88    3781188.78       19.54861  (12120216)                   402228.88
3781188.78       19.30215  (12120216)
          402248.88    3781188.78       18.73768  (12120216)                   402268.88
3781188.78       17.91679  (12120216)
          402288.88    3781188.78       16.80440  (12120216)                   402308.88
3781188.78       15.56028  (12120216)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 386
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
          402328.88   3781188.78   14.31252 (12120216)   402348.88
3781188.78   12.94979 (12120216)
          402368.88   3781188.78   12.06410 (14102506)   402388.88
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3781188.78       12.09581  (14102506)
     402408.88    3781188.78      12.12013  (14102506)               402428.88
3781188.78       12.13518  (14102506)
     402448.88    3781188.78      12.15290  (14102506)               402468.88
3781188.78       12.17102  (14102506)
     402488.88    3781188.78      12.12897  (14102506)               402508.88
3781188.78       12.29114  (12022708)
     401308.88    3781208.78       7.13139  (14020617)               401328.88
3781208.78        7.30265  (14020617)
     401348.88    3781208.78       7.48359  (14020617)               401368.88
3781208.78        7.64349  (14020617)
     401388.88    3781208.78       7.83798  (14020617)               401408.88
3781208.78        8.03495  (14020617)
     401428.88    3781208.78       8.23547  (14020617)               401448.88
3781208.78        8.42936  (14020617)
     401468.88    3781208.78       8.63448  (14020617)               401488.88
3781208.78        9.36148  (12111715)
     401508.88    3781208.78      10.87947  (12111715)               401528.88
3781208.78       12.45778  (12111715)
     401548.88    3781208.78      13.95703  (12111715)               401568.88
3781208.78       15.48525  (12111715)
     401588.88    3781208.78      16.87802  (12111715)               401608.88
3781208.78       18.10191  (12111715)
     401628.88    3781208.78      19.02821  (12111715)               401648.88
3781208.78       19.61883  (12111715)
     401668.88    3781208.78      19.87983  (12111715)               401688.88
3781208.78       19.81701  (12111715)
     401708.88    3781208.78      20.05849  (12021515)               401728.88
3781208.78       20.57484  (12021515)
     401748.88    3781208.78      20.73373  (12021515)               401768.88
3781208.78       20.47854  (12021515)
     401788.88    3781208.78      19.90953  (12021515)               401808.88
3781208.78       19.05340  (12021515)
     401828.88    3781208.78      17.89879  (12021515)               401848.88
3781208.78       16.58712  (12021515)
     401868.88    3781208.78      15.09995  (12021515)               401888.88
3781208.78       13.58911  (12021515)
     401908.88    3781208.78      13.30979  (12101116)               401928.88
3781208.78       14.23828  (12101116)
     401948.88    3781208.78      14.93078  (12101116)               401968.88
3781208.78       15.36242  (12101116)
     401988.88    3781208.78      15.44055  (12101116)               402008.88
3781208.78       15.85501  (12042618)
     402028.88    3781208.78      17.39073  (12042618)               402048.88
3781208.78       18.67271  (12042618)
     402068.88    3781208.78      19.63152  (12042618)               402088.88
3781208.78       20.19860  (12042618)
     402108.88    3781208.78      20.48088  (12042618)               402128.88
3781208.78       20.40112  (12042618)
     402148.88    3781208.78      19.98263  (12042618)               402168.88
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3781208.78        20.40605  (12120216)
        402188.88    3781208.78        20.61194  (12120216)                402208.88
3781208.78        20.47403  (12120216)
        402228.88    3781208.78        20.02153  (12120216)                402248.88
3781208.78        19.25160  (12120216)
        402268.88    3781208.78        18.23070  (12120216)                402288.88
3781208.78        16.99277  (12120216)
        402308.88    3781208.78        15.59175  (12120216)                402328.88
3781208.78        14.19496  (12120216)
        402348.88    3781208.78        12.77087  (12120216)                402368.88
3781208.78        12.49194  (14102506)
        402388.88    3781208.78        12.50574  (14102506)                402408.88
3781208.78        12.51669  (14102506)
        402428.88    3781208.78        12.51284  (14102506)                402448.88
3781208.78        12.50654  (14102506)
        402468.88    3781208.78        12.49780  (14102506)                402488.88
3781208.78        12.46159  (12022708)
        402508.88    3781208.78        12.63791  (12022708)                401308.88
3781228.78         7.27852  (14020617)
        401328.88    3781228.78         7.46004  (14020617)                401348.88
3781228.78         7.65166  (14020617)
        401368.88    3781228.78         7.83090  (14020617)                401388.88
3781228.78         8.03789  (14020617)
        401408.88    3781228.78         8.25051  (14020617)                401428.88
3781228.78         8.46575  (14020617)
        401448.88    3781228.78         8.67031  (14020617)                401468.88
3781228.78         8.88391  (14020617)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                            PAGE 387
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3

```
              **

        X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)              X-COORD (M)
   Y-COORD (M)       CONC    (YYMMDDHH)
   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         401488.88   3781228.78        9.11972  (14020617)              401508.88
   3781228.78       10.47505  (12111715)
         401528.88   3781228.78       12.13892  (12111715)              401548.88
   3781228.78       13.75372  (12111715)
         401568.88   3781228.78       15.40723  (12111715)              401588.88
   3781228.78       17.00007  (12111715)
         401608.88   3781228.78       18.41807  (12111715)              401628.88
   3781228.78       19.56855  (12111715)
         401648.88   3781228.78       20.38168  (12111715)              401668.88
   3781228.78       20.83852  (12111715)
         401688.88   3781228.78       20.93246  (12111715)              401708.88
   3781228.78       20.83976  (12021515)
         401728.88   3781228.78       21.54487  (12021515)              401748.88
   3781228.78       21.80659  (12021515)
         401768.88   3781228.78       21.67694  (12021515)              401788.88
   3781228.78       21.20132  (12021515)
         401808.88   3781228.78       20.32970  (12021515)              401828.88
   3781228.78       19.22896  (12021515)
         401848.88   3781228.78       17.88527  (12021515)              401868.88
   3781228.78       16.33813  (12021515)
         401888.88   3781228.78       14.74430  (12021515)              401908.88
   3781228.78       14.08271  (12101116)
         401928.88   3781228.78       15.08779  (12101116)              401948.88
   3781228.78       15.78064  (12101116)
         401968.88   3781228.78       16.15611  (12101116)              401988.88
   3781228.78       16.18815  (12101116)
         402008.88   3781228.78       17.20396  (12042618)              402028.88
   3781228.78       18.72747  (12042618)
         402048.88   3781228.78       20.01398  (12042618)              402068.88
   3781228.78       20.94413  (12042618)
         402088.88   3781228.78       21.46487  (12042618)              402108.88
   3781228.78       21.67209  (12042618)
         402128.88   3781228.78       21.39465  (12042618)              402148.88
   3781228.78       21.23845  (12120216)
         402168.88   3781228.78       21.67978  (12120216)              402188.88
   3781228.78       21.71317  (12120216)
         402208.88   3781228.78       21.37190  (12120216)              402228.88
   3781228.78       20.69655  (12120216)
         402248.88   3781228.78       19.72280  (12120216)              402268.88
   3781228.78       18.50709  (12120216)
         402288.88   3781228.78       17.07976  (12120216)              402308.88
   3781228.78       15.55868  (12120216)
         402328.88   3781228.78       14.03959  (12120216)              402348.88
   3781228.78       12.92229  (14102506)
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       402368.88   3781228.78      12.93465 (14102506)              402388.88
3781228.78      12.93652 (14120116)
       402408.88   3781228.78      12.92587 (14102506)              402428.88
3781228.78      12.93025 (14102506)
       402448.88   3781228.78      12.90356 (14102506)              402468.88
3781228.78      12.88098 (14102506)
       402488.88   3781228.78      12.84616 (12022708)              402508.88
3781228.78      13.01000 (12022708)
       401308.88   3781248.78       7.42597 (14020617)              401328.88
3781248.78       7.61984 (14020617)
       401348.88   3781248.78       7.81939 (14020617)              401368.88
3781248.78       8.02447 (14020617)
       401388.88   3781248.78       8.24309 (14020617)              401408.88
3781248.78       8.46595 (14020617)
       401428.88   3781248.78       8.68748 (14020617)              401448.88
3781248.78       8.91871 (14020617)
       401468.88   3781248.78       9.15295 (14020617)              401488.88
3781248.78       9.39568 (14020617)
       401508.88   3781248.78      10.00215 (12111715)              401528.88
3781248.78      11.72957 (12111715)
       401548.88   3781248.78      13.47273 (12111715)              401568.88
3781248.78      15.32748 (12111715)
       401588.88   3781248.78      17.07644 (12111715)              401608.88
3781248.78      18.68465 (12111715)
       401628.88   3781248.78      20.04911 (12111715)              401648.88
3781248.78      21.09203 (12111715)
       401668.88   3781248.78      21.77451 (12111715)              401688.88
3781248.78      22.09172 (12111715)
       401708.88   3781248.78      22.03566 (12111715)              401728.88
3781248.78      22.49087 (12021515)
       401748.88   3781248.78      22.97270 (12021515)              401768.88
3781248.78      22.94600 (12021515)
       401788.88   3781248.78      22.55909 (12021515)              401808.88
3781248.78      21.78490 (12021515)
       401828.88   3781248.78      20.64849 (12021515)              401848.88
3781248.78      19.29520 (12021515)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                    ***   05:36:20

                         PAGE 388
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                         INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,

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                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
,  L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
,  L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)      CONC      (YYMMDDHH)              X-COORD (M)
 Y-COORD (M)       CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        401868.88   3781248.78       17.69628  (12021515)               401888.88
 3781248.78        16.06131  (12021515)
        401908.88   3781248.78       14.98093  (12101116)               401928.88
 3781248.78        16.00263  (12101116)
        401948.88   3781248.78       16.65327  (12101116)               401968.88
 3781248.78        16.99885  (12101116)
        401988.88   3781248.78       17.07427  (12101116)               402008.88
 3781248.78        18.69988  (12042618)
        402028.88   3781248.78       20.24395  (12042618)               402048.88
 3781248.78        21.47475  (12042618)
        402068.88   3781248.78       22.32107  (12042618)               402088.88
 3781248.78        22.75751  (12042618)
        402108.88   3781248.78       22.78115  (12042618)               402128.88
 3781248.78        22.44694  (12042618)
        402148.88   3781248.78       22.70130  (12120216)               402168.88
 3781248.78        22.94977  (12120216)
        402188.88   3781248.78       22.82158  (12120216)               402208.88
 3781248.78        22.26747  (12120216)
        402228.88   3781248.78       21.36021  (12120216)               402248.88
 3781248.78        20.14269  (12120216)
        402268.88   3781248.78       18.72315  (12120216)               402288.88
 3781248.78        17.13592  (12120216)
        402308.88   3781248.78       15.47070  (12120216)               402328.88
 3781248.78        13.84961  (12120216)
        402348.88   3781248.78       13.87172  (14120116)               402368.88
 3781248.78        13.89530  (14120116)
        402388.88   3781248.78       13.81959  (14120116)               402408.88
 3781248.78        13.63376  (14120116)
        402428.88   3781248.78       13.36885  (14120116)               402448.88
 3781248.78        13.30769  (14102506)
        402468.88   3781248.78       13.27277  (14102506)               402488.88
 3781248.78        13.26274  (12022708)
        402508.88   3781248.78       13.41738  (12022708)               401308.88
 3781268.78         7.57149  (14020617)
        401328.88   3781268.78        7.77595  (14020617)               401348.88
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3781268.78        7.98284  (14020617)
      401368.88   3781268.78         8.19979  (14020617)                  401388.88
3781268.78        8.42824  (14020617)
      401408.88   3781268.78         8.66597  (14020617)                  401428.88
3781268.78        8.90911  (14020617)
      401448.88   3781268.78         9.15425  (14020617)                  401468.88
3781268.78        9.40424  (14020617)
      401488.88   3781268.78         9.66217  (14020617)                  401508.88
3781268.78        9.92746  (14020617)
      401528.88   3781268.78        11.22683  (12111715)                  401548.88
3781268.78       13.10176  (12111715)
      401568.88   3781268.78        15.05597  (12111715)                  401588.88
3781268.78       16.97378  (12111715)
      401608.88   3781268.78        18.78697  (12111715)                  401628.88
3781268.78       20.39947  (12111715)
      401648.88   3781268.78        21.72001  (12111715)                  401668.88
3781268.78       22.67961  (12111715)
      401688.88   3781268.78        23.24194  (12111715)                  401708.88
3781268.78       23.37769  (12111715)
      401728.88   3781268.78        23.48263  (12021515)                  401748.88
3781268.78       24.12764  (12021515)
      401768.88   3781268.78        24.30383  (12021515)                  401788.88
3781268.78       24.01082  (12021515)
      401808.88   3781268.78        23.29312  (12021515)                  401828.88
3781268.78       22.20650  (12021515)
      401848.88   3781268.78        20.82427  (12021515)                  401868.88
3781268.78       19.18696  (12021515)
      401888.88   3781268.78        17.48106  (12021515)                  401908.88
3781268.78       15.98990  (15042107)
      401928.88   3781268.78        16.96796  (12101116)                  401948.88
3781268.78       17.60575  (12101116)
      401968.88   3781268.78        17.98547  (12101116)                  401988.88
3781268.78       18.65773  (12042618)
      402008.88   3781268.78        20.32044  (12042618)                  402028.88
3781268.78       21.90116  (12042618)
      402048.88   3781268.78        23.08128  (12042618)                  402068.88
3781268.78       23.84616  (12042618)
      402088.88   3781268.78        24.12422  (12042618)                  402108.88
3781268.78       24.04938  (12042618)
      402128.88   3781268.78        23.76373  (12120216)                  402148.88
3781268.78       24.22790  (12120216)
      402168.88   3781268.78        24.24915  (12120216)                  402188.88
3781268.78       23.88893  (12120216)
      402208.88   3781268.78        23.09529  (12120216)                  402228.88
3781268.78       21.96879  (12120216)
```
↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                    ***   05:36:20

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                               INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                               ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
 Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402248.88   3781268.78   20.51161 (12120216)   402268.88
 3781268.78   18.85865 (12120216)
        402288.88   3781268.78   17.10605 (12120216)   402308.88
 3781268.78   15.32268 (12120216)
        402328.88   3781268.78   14.86838 (14120116)   402348.88
 3781268.78   14.93172 (14120116)
        402368.88   3781268.78   14.85887 (14120116)   402388.88
 3781268.78   14.66129 (14120116)
        402408.88   3781268.78   14.36464 (14120116)   402428.88
 3781268.78   13.97666 (14120116)
        402448.88   3781268.78   13.75467 (14102506)   402468.88
 3781268.78   13.70310 (14102506)
        402488.88   3781268.78   13.71658 (12022708)   402508.88
 3781268.78   13.86015 (12022708)
        401308.88   3781288.78   7.72487 (14020617)   401328.88
 3781288.78   7.93710 (14020617)
        401348.88   3781288.78   8.16045 (14020617)   401368.88
 3781288.78   8.38357 (14020617)
        401388.88   3781288.78   8.63377 (14020617)   401408.88
 3781288.78   8.89872 (14020617)
        401428.88   3781288.78   9.15913 (14020617)   401448.88
 3781288.78   9.41704 (14020617)
        401468.88   3781288.78   9.68448 (14020617)   401488.88
 3781288.78   9.97622 (14020617)
        401508.88   3781288.78   10.26858 (14020617)   401528.88
 3781288.78   10.71144 (12111715)

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      401548.88    3781288.78        12.65029  (12111715)              401568.88
3781288.78       14.75149  (12111715)
      401588.88    3781288.78        16.85198  (12111715)              401608.88
3781288.78       18.91079  (12111715)
      401628.88    3781288.78        20.74585  (12111715)              401648.88
3781288.78       22.30977  (12111715)
      401668.88    3781288.78        23.55819  (12111715)              401688.88
3781288.78       24.40517  (12111715)
      401708.88    3781288.78        24.81332  (12111715)              401728.88
3781288.78       24.68168  (12111715)
      401748.88    3781288.78        25.37392  (12021515)              401768.88
3781288.78       25.71725  (12021515)
      401788.88    3781288.78        25.59077  (12021515)              401808.88
3781288.78       24.94779  (12021515)
      401828.88    3781288.78        23.91709  (12021515)              401848.88
3781288.78       22.55721  (12021515)
      401868.88    3781288.78        20.82677  (12021515)              401888.88
3781288.78       19.08281  (12021515)
      401908.88    3781288.78        17.17175  (15042107)              401928.88
3781288.78       18.00484  (12101116)
      401948.88    3781288.78        18.74209  (12101116)              401968.88
3781288.78       19.05715  (12101116)
      401988.88    3781288.78        20.33121  (12042618)              402008.88
3781288.78       21.99960  (12042618)
      402028.88    3781288.78        23.49412  (12042618)              402048.88
3781288.78       24.66346  (12042618)
      402068.88    3781288.78        25.47510  (12042618)              402088.88
3781288.78       25.68966  (12042618)
      402108.88    3781288.78        25.35369  (12042618)              402128.88
3781288.78       25.49725  (12120216)
      402148.88    3781288.78        25.74730  (12120216)              402168.88
3781288.78       25.55341  (12120216)
      402188.88    3781288.78        24.93576  (12120216)              402208.88
3781288.78       23.88256  (12120216)
      402228.88    3781288.78        22.47898  (12120216)              402248.88
3781288.78       20.83061  (12120216)
      402268.88    3781288.78        18.93992  (12120216)              402288.88
3781288.78       17.02491  (12120216)
      402308.88    3781288.78        16.00329  (14120116)              402328.88
3781288.78       16.08311  (14120116)
      402348.88    3781288.78        16.02827  (14120116)              402368.88
3781288.78       15.82251  (14120116)
      402388.88    3781288.78        15.48546  (14120116)              402408.88
3781288.78       15.07237  (14120116)
      402428.88    3781288.78        14.54384  (14120116)              402448.88
3781288.78       14.25459  (14102506)
      402468.88    3781288.78        14.16771  (14102506)              402488.88
3781288.78       14.21150  (12022708)
      402508.88    3781288.78        14.35004  (12022708)              401308.88
3781308.78        7.88860  (14020617)
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      401328.88   3781308.78        8.11048  (14020617)                  401348.88
3781308.78        8.35031  (14020617)
      401368.88   3781308.78        8.58234  (14020617)                  401388.88
3781308.78        8.85125  (14020617)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                           ***   05:36:20

                              PAGE 390
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
      401408.88   3781308.78   9.13624 (14020617)   401428.88
3781308.78   9.40214 (14020617)
      401448.88   3781308.78   9.68489 (14020617)   401468.88
3781308.78   9.98509 (14020617)
      401488.88   3781308.78   10.30581 (14020617)   401508.88
3781308.78   10.62916 (14020617)
      401528.88   3781308.78   10.96469 (14020617)   401548.88
3781308.78   12.11818 (12111715)
      401568.88   3781308.78   14.31330 (12111715)   401588.88
3781308.78   16.58947 (12111715)
      401608.88   3781308.78   18.80223 (12111715)   401628.88
3781308.78   20.93015 (12111715)
      401648.88   3781308.78   22.81648 (12111715)   401668.88
3781308.78   24.36739 (12111715)
      401688.88   3781308.78   25.49526 (12111715)   401708.88
3781308.78   26.16380 (12111715)
      401728.88   3781308.78   26.27705 (12111715)   401748.88
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3781308.78      26.61938  (12021515)
     401768.88   3781308.78      27.22857  (12021515)              401788.88
3781308.78      27.23625  (12021515)
     401808.88   3781308.78      26.71496  (12021515)              401828.88
3781308.78      25.72275  (12021515)
     401848.88   3781308.78      24.31098  (12021515)              401868.88
3781308.78      22.62632  (12021515)
     401888.88   3781308.78      20.78501  (12021515)              401908.88
3781308.78      18.75124  (12021515)
     401928.88   3781308.78      19.12542  (12101116)              401948.88
3781308.78      19.93881  (12101116)
     401968.88   3781308.78      20.11411  (12101116)              401988.88
3781308.78      22.22257  (12042618)
     402008.88   3781308.78      23.97747  (12042618)              402028.88
3781308.78      25.36345  (12042618)
     402048.88   3781308.78      26.39747  (12042618)              402068.88
3781308.78      27.11199  (12042618)
     402088.88   3781308.78      27.21190  (12042618)              402108.88
3781308.78      26.76542  (12120216)
     402128.88   3781308.78      27.31516  (12120216)              402148.88
3781308.78      27.38493  (12120216)
     402168.88   3781308.78      26.91808  (12120216)              402188.88
3781308.78      25.98904  (12120216)
     402208.88   3781308.78      24.61431  (12120216)              402228.88
3781308.78      22.93934  (12120216)
     402248.88   3781308.78      21.01947  (12120216)              402268.88
3781308.78      18.98069  (12120216)
     402288.88   3781308.78      17.30850  (14120116)              402308.88
3781308.78      17.39064  (14120116)
     402328.88   3781308.78      17.32523  (14120116)              402348.88
3781308.78      17.12549  (14120116)
     402368.88   3781308.78      16.76325  (14120116)              402388.88
3781308.78      16.29160  (14120116)
     402408.88   3781308.78      15.71677  (14120116)              402428.88
3781308.78      15.08041  (14120116)
     402448.88   3781308.78      14.81641  (14102506)              402468.88
3781308.78      14.70514  (14102506)
     402488.88   3781308.78      14.75797  (12022708)              402508.88
3781308.78      14.89769  (12022708)
     401308.88   3781328.78       8.04328  (14020617)              401328.88
3781328.78       8.28580  (14020617)
     401348.88   3781328.78       8.54242  (14020617)              401368.88
3781328.78       8.78395  (14020617)
     401388.88   3781328.78       9.06908  (14020617)              401408.88
3781328.78       9.37157  (14020617)
     401428.88   3781328.78       9.66139  (14020617)              401448.88
3781328.78       9.97654  (14020617)
     401468.88   3781328.78      10.29903  (14020617)              401488.88
3781328.78      10.63797  (14020617)
     401508.88   3781328.78      11.00669  (14020617)              401528.88
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      3781328.78      11.35987  (14020617)
         401548.88   3781328.78      11.70164  (14020617)               401568.88
3781328.78      13.79912  (12111715)
         401588.88   3781328.78      16.22788  (12111715)               401608.88
3781328.78      18.68341  (12111715)
         401628.88   3781328.78      21.07635  (12111715)               401648.88
3781328.78      23.32546  (12111715)
         401668.88   3781328.78      25.15859  (12111715)               401688.88
3781328.78      26.69280  (12111715)
         401708.88   3781328.78      27.64714  (12111715)               401728.88
3781328.78      28.02165  (12111715)
         401748.88   3781328.78      27.94881  (12021515)               401768.88
3781328.78      28.82490  (12021515)
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

                              PAGE 391
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
         401788.88   3781328.78   29.01508 (12021515)   401808.88
3781328.78   28.61626 (12021515)
         401828.88   3781328.78   27.78777 (12021515)   401848.88
3781328.78   26.30041 (12021515)
         401868.88   3781328.78   24.60674 (12021515)   401888.88
3781328.78   22.72026 (12021515)
         401908.88   3781328.78   20.54245 (12021515)   401928.88
3781328.78   20.56557 (12101116)

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        401948.88    3781328.78        21.40674  (12101116)                401968.88
3781328.78        22.37926  (12042618)
        401988.88    3781328.78        24.45353  (12042618)                402008.88
3781328.78        26.23262  (12042618)
        402028.88    3781328.78        27.50211  (12042618)                402048.88
3781328.78        28.30386  (12042618)
        402068.88    3781328.78        28.86745  (12042618)                402088.88
3781328.78        28.82574  (12042618)
        402108.88    3781328.78        28.81534  (12120216)                402128.88
3781328.78        29.23963  (12120216)
        402148.88    3781328.78        28.88701  (12120216)                402168.88
3781328.78        28.17463  (12120216)
        402188.88    3781328.78        26.94431  (12120216)                402208.88
3781328.78        25.29009  (12120216)
        402228.88    3781328.78        23.33599  (12120216)                402248.88
3781328.78        21.16652  (12120216)
        402268.88    3781328.78        18.92654  (12120216)                402288.88
3781328.78        18.87449  (14120116)
        402308.88    3781328.78        18.79536  (14120116)                402328.88
3781328.78        18.57503  (14120116)
        402348.88    3781328.78        18.21500  (14120116)                402368.88
3781328.78        17.66596  (14120116)
        402388.88    3781328.78        17.00414  (14120116)                402408.88
3781328.78        16.31301  (14120116)
        402428.88    3781328.78        15.57680  (14120116)                402448.88
3781328.78        15.40922  (14102506)
        402468.88    3781328.78        15.31659  (12022708)                402488.88
3781328.78        15.36402  (12022708)
        402508.88    3781328.78        15.50854  (12022708)                401308.88
3781348.78         8.19490  (14020617)
        401328.88    3781348.78         8.45162  (14020617)                401348.88
3781348.78         8.72220  (14020617)
        401368.88    3781348.78         8.98758  (14020617)                401388.88
3781348.78         9.28795  (14020617)
        401408.88    3781348.78         9.61222  (14020617)                401428.88
3781348.78         9.93431  (14020617)
        401448.88    3781348.78        10.25865  (14020617)                401468.88
3781348.78        10.61758  (14020617)
        401488.88    3781348.78        11.00410  (14020617)                401508.88
3781348.78        11.39482  (14020617)
        401528.88    3781348.78        11.80830  (14020617)                401548.88
3781348.78        12.14833  (14020617)
        401568.88    3781348.78        13.18560  (12111715)                401588.88
3781348.78        15.69641  (12111715)
        401608.88    3781348.78        18.38227  (12111715)                401628.88
3781348.78        21.02683  (12111715)
        401648.88    3781348.78        23.55914  (12111715)                401668.88
3781348.78        25.83968  (12111715)
        401688.88    3781348.78        27.67970  (12111715)                401708.88
3781348.78        29.04368  (12111715)
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        401728.88   3781348.78       29.76483  (12111715)              401748.88
3781348.78       29.88044  (12111715)
        401768.88   3781348.78       30.48793  (12021515)              401788.88
3781348.78       30.86369  (12021515)
        401808.88   3781348.78       30.64072  (12021515)              401828.88
3781348.78       29.85918  (12021515)
        401848.88   3781348.78       28.54644  (12021515)              401868.88
3781348.78       26.79387  (12021515)
        401888.88   3781348.78       24.87397  (12021515)              401908.88
3781348.78       22.62727  (12021515)
        401928.88   3781348.78       22.02954  (12101116)              401948.88
3781348.78       22.75241  (12101116)
        401968.88   3781348.78       24.66773  (12042618)              401988.88
3781348.78       26.82558  (12042618)
        402008.88   3781348.78       28.55374  (12042618)              402028.88
3781348.78       29.82095  (12042618)
        402048.88   3781348.78       30.48228  (12042618)              402068.88
3781348.78       30.76733  (12042618)
        402088.88   3781348.78       30.51465  (12042618)              402108.88
3781348.78       31.13349  (12120216)
        402128.88   3781348.78       31.15707  (12120216)              402148.88
3781348.78       30.60373  (12120216)
```
⬧ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 392

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
     -

- -
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       402168.88    3781348.78        29.51671  (12120216)             402188.88
3781348.78        27.95805  (12120216)
       402208.88    3781348.78        25.91723  (12120216)             402228.88
3781348.78        23.71338  (12120216)
       402248.88    3781348.78        21.31028  (12120216)             402268.88
3781348.78        20.57016  (14120116)
       402288.88    3781348.78        20.50862  (14120116)             402308.88
3781348.78        20.21336  (14120116)
       402328.88    3781348.78        19.78335  (14120116)             402348.88
3781348.78        19.20722  (14120116)
       402368.88    3781348.78        18.49507  (14120116)             402388.88
3781348.78        17.67872  (14120116)
       402408.88    3781348.78        16.83586  (14120116)             402428.88
3781348.78        16.22151  (14102506)
       402448.88    3781348.78        16.07859  (14102506)             402468.88
3781348.78        16.02125  (12022708)
       402488.88    3781348.78        16.05119  (12022708)             402508.88
3781348.78        16.19432  (12022708)
       401308.88    3781368.78         8.35000  (14020617)             401328.88
3781368.78         8.61994  (14020617)
       401348.88    3781368.78         8.90732  (14020617)             401368.88
3781368.78         9.19251  (14020617)
       401388.88    3781368.78         9.50455  (14020617)             401408.88
3781368.78         9.84786  (14020617)
       401428.88    3781368.78        10.19622  (14020617)             401448.88
3781368.78        10.55510  (14020617)
       401468.88    3781368.78        10.93250  (14020617)             401488.88
3781368.78        11.35733  (14020617)
       401508.88    3781368.78        11.77504  (14020617)             401528.88
3781368.78        12.22647  (14020617)
       401548.88    3781368.78        12.62000  (14020617)             401568.88
3781368.78        13.13788  (14020617)
       401588.88    3781368.78        15.09151  (12111715)             401608.88
3781368.78        17.90889  (12111715)
       401628.88    3781368.78        20.82475  (12111715)             401648.88
3781368.78        23.69343  (12111715)
       401668.88    3781368.78        26.37390  (12111715)             401688.88
3781368.78        28.66095  (12111715)
       401708.88    3781368.78        30.46529  (12111715)             401728.88
3781368.78        31.58274  (12111715)
       401748.88    3781368.78        32.04173  (12111715)             401768.88
3781368.78        32.30844  (12021515)
       401788.88    3781368.78        32.98833  (12021515)             401808.88
3781368.78        32.93701  (12021515)
       401828.88    3781368.78        32.20452  (12021515)             401848.88
3781368.78        30.94578  (12021515)
       401868.88    3781368.78        29.21776  (12021515)             401888.88
3781368.78        27.22775  (12021515)
       401908.88    3781368.78        24.91119  (12021515)             401928.88
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3781368.78        23.65958  (12101116)
         401948.88    3781368.78        24.61088  (12042618)                 401968.88
3781368.78        27.33313  (12042618)
         401988.88    3781368.78        29.33477  (12042618)                 402008.88
3781368.78        31.11385  (12042618)
         402028.88    3781368.78        32.19320  (12042618)                 402048.88
3781368.78        32.64392  (12042618)
         402068.88    3781368.78        32.72997  (12042618)                 402088.88
3781368.78        32.91074  (12120216)
         402108.88    3781368.78        33.41748  (12120216)                 402128.88
3781368.78        33.18667  (12120216)
         402148.88    3781368.78        32.32420  (12120216)                 402168.88
3781368.78        30.88392  (12120216)
         402188.88    3781368.78        28.77358  (12120216)                 402208.88
3781368.78        26.44227  (12120216)
         402228.88    3781368.78        23.85405  (12120216)                 402248.88
3781368.78        22.48565  (14120116)
         402268.88    3781368.78        22.42444  (14120116)                 402288.88
3781368.78        22.12197  (14120116)
         402308.88    3781368.78        21.62127  (14120116)                 402328.88
3781368.78        20.96124  (14120116)
         402348.88    3781368.78        20.20275  (14120116)                 402368.88
3781368.78        19.26509  (14120116)
         402388.88    3781368.78        18.31446  (14120116)                 402408.88
3781368.78        17.33739  (14120116)
         402428.88    3781368.78        17.00434  (14102506)                 402448.88
3781368.78        16.87652  (14102506)
         402468.88    3781368.78        17.03170  (12031616)                 402488.88
3781368.78        18.03716  (12031616)
         402508.88    3781368.78        19.03855  (12031616)                 401308.88
3781388.78         8.50646  (14020617)
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

** CONC OF PM_10   IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401328.88	3781388.78	8.79036	(14020617)	401348.88	3781388.78	9.09057	(14020617)
401368.88	3781388.78	9.39703	(14020617)	401388.88	3781388.78	9.72824	(14020617)
401408.88	3781388.78	10.09300	(14020617)	401428.88	3781388.78	10.46341	(14020617)
401448.88	3781388.78	10.85102	(14020617)	401468.88	3781388.78	11.26834	(14020617)
401488.88	3781388.78	11.72463	(14020617)	401508.88	3781388.78	12.18909	(14020617)
401528.88	3781388.78	12.66977	(14020617)	401548.88	3781388.78	13.11393	(14020617)
401568.88	3781388.78	13.68431	(14020617)	401588.88	3781388.78	14.33844	(12111715)
401608.88	3781388.78	17.30704	(12111715)	401628.88	3781388.78	20.45788	(12111715)
401648.88	3781388.78	23.64883	(12111715)	401668.88	3781388.78	26.82483	(12111715)
401688.88	3781388.78	29.58042	(12111715)	401708.88	3781388.78	31.82806	(12111715)
401728.88	3781388.78	33.48428	(12111715)	401748.88	3781388.78	34.25454	(12111715)
401768.88	3781388.78	34.40232	(12111715)	401788.88	3781388.78	35.28942	(12021515)
401808.88	3781388.78	35.42901	(12021515)	401828.88	3781388.78	34.85082	(12021515)
401848.88	3781388.78	33.66662	(12021515)	401868.88	3781388.78	31.88347	(12021515)
401888.88	3781388.78	30.00858	(12021515)	401908.88	3781388.78	27.58777	(12021515)
401928.88	3781388.78	25.45358	(12101116)	401948.88	3781388.78	27.52619	(12042618)
401968.88	3781388.78	30.18934	(12042618)	401988.88	3781388.78	32.33850	(12042618)
402008.88	3781388.78	33.84386	(12042618)	402028.88	3781388.78	34.86391	(12042618)
402048.88	3781388.78	35.20470	(12042618)	402068.88	3781388.78	35.12161	(12042618)
402088.88	3781388.78	35.65204	(12120216)	402108.88	3781388.78	35.85288	(12120216)

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       402128.88    3781388.78         35.33669  (12120216)                    402148.88
3781388.78        34.09257  (12120216)
       402168.88    3781388.78         32.14157  (12120216)                    402188.88
3781388.78        29.77039  (12120216)
       402208.88    3781388.78         26.95366  (12120216)                    402228.88
3781388.78        24.73052  (14120116)
       402248.88    3781388.78         24.68075  (14120116)                    402268.88
3781388.78        24.31111  (14120116)
       402288.88    3781388.78         23.77521  (14120116)                    402308.88
3781388.78        22.99694  (14120116)
       402328.88    3781388.78         22.11621  (14120116)                    402348.88
3781388.78        21.11250  (14120116)
       402368.88    3781388.78         19.99613  (14120116)                    402388.88
3781388.78        18.90504  (14120116)
       402408.88    3781388.78         18.15302  (13032507)                    402428.88
3781388.78        19.04444  (12031616)
       402448.88    3781388.78         20.15661  (12031616)                    402468.88
3781388.78        20.93963  (12031616)
       402488.88    3781388.78         22.00338  (12031616)                    402508.88
3781388.78        22.96461  (12031616)
       401308.88    3781408.78          8.66576  (14020617)                    401328.88
3781408.78         8.96701  (14020617)
       401348.88    3781408.78          9.28245  (14020617)                    401368.88
3781408.78         9.60028  (14020617)
       401388.88    3781408.78          9.95523  (14020617)                    401408.88
3781408.78        10.34851  (14020617)
       401428.88    3781408.78         10.74316  (14020617)                    401448.88
3781408.78        11.15862  (14020617)
       401468.88    3781408.78         11.60306  (14020617)                    401488.88
3781408.78        12.09482  (14020617)
       401508.88    3781408.78         12.58649  (14020617)                    401528.88
3781408.78        13.12623  (14020617)
       401548.88    3781408.78         13.62709  (14020617)                    401568.88
3781408.78        14.25748  (14020617)
       401588.88    3781408.78         14.92985  (14020617)                    401608.88
3781408.78        16.54447  (12111715)
       401628.88    3781408.78         19.89260  (12111715)                    401648.88
3781408.78        23.44020  (12111715)
       401668.88    3781408.78         26.99648  (12111715)                    401688.88
3781408.78        30.29735  (12111715)
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                     ***   05:36:20

                          PAGE 394
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***

```
                              INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
               L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
               L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
               L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,


                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
               **


      X-COORD (M)  Y-COORD (M)       CONC     (YYMMDDHH)            X-COORD (M)
 Y-COORD (M)       CONC     (YYMMDDHH)
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - -
        401708.88   3781408.78       33.13706 (12111715)            401728.88
3781408.78       35.33277 (12111715)
        401748.88   3781408.78       36.60315 (12111715)            401768.88
3781408.78       37.06288 (12111715)
        401788.88   3781408.78       37.69739 (12021515)            401808.88
3781408.78       38.12419 (12021515)
        401828.88   3781408.78       37.75415 (12021515)            401848.88
3781408.78       36.64089 (12021515)
        401868.88   3781408.78       34.91903 (12021515)            401888.88
3781408.78       32.93219 (12021515)
        401908.88   3781408.78       30.55352 (12021515)            401928.88
3781408.78       27.79763 (12021515)
        401948.88   3781408.78       30.76192 (12042618)            401968.88
3781408.78       33.57275 (12042618)
        401988.88   3781408.78       35.71476 (12042618)            402008.88
3781408.78       37.06233 (12042618)
        402028.88   3781408.78       37.86584 (12042618)            402048.88
3781408.78       37.97473 (12042618)
        402068.88   3781408.78       37.95338 (12120216)            402088.88
3781408.78       38.43359 (12120216)
        402108.88   3781408.78       38.36724 (12120216)            402128.88
3781408.78       37.50381 (12120216)
        402148.88   3781408.78       35.81058 (12120216)            402168.88
3781408.78       33.39632 (12120216)
        402188.88   3781408.78       30.59875 (12120216)            402208.88
3781408.78       27.42115 (12120216)
        402228.88   3781408.78       27.24345 (14120116)            402248.88
3781408.78       26.88838 (14120116)
        402268.88   3781408.78       26.30366 (14120116)            402288.88
3781408.78       25.41977 (14120116)
        402308.88   3781408.78       24.34131 (14120116)            402328.88
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      402348.88   3781408.78       21.96612  (14120116)                402368.88
3781408.78       20.65999  (14120116)
      402388.88   3781408.78       21.13200  (12031616)                402408.88
3781408.78       22.38866  (12031616)
      402428.88   3781408.78       23.57271  (12031616)                402448.88
3781408.78       24.58998  (12031616)
      402468.88   3781408.78       25.34883  (12031616)                402488.88
3781408.78       26.32810  (12031616)
      402508.88   3781408.78       27.10564  (12031616)                401308.88
3781428.78        9.20254  (12022717)
      401328.88   3781428.78        9.19387  (12022717)                401348.88
3781428.78        9.46602  (14020617)
      401368.88   3781428.78        9.80169  (14020617)                401388.88
3781428.78       10.18766  (14020617)
      401408.88   3781428.78       10.60398  (14020617)                401428.88
3781428.78       11.03659  (14020617)
      401448.88   3781428.78       11.47380  (14020617)                401468.88
3781428.78       11.95286  (14020617)
      401488.88   3781428.78       12.47746  (14020617)                401508.88
3781428.78       13.00289  (14020617)
      401528.88   3781428.78       13.59536  (14020617)                401548.88
3781428.78       14.16145  (14020617)
      401568.88   3781428.78       14.85678  (14020617)                401588.88
3781428.78       15.60303  (14020617)
      401608.88   3781428.78       16.30904  (14020617)                401628.88
3781428.78       19.24889  (12111715)
      401648.88   3781428.78       23.11631  (12111715)                401668.88
3781428.78       27.11255  (12111715)
      401688.88   3781428.78       30.82477  (12111715)                401708.88
3781428.78       34.28386  (12111715)
      401728.88   3781428.78       37.04256  (12111715)                401748.88
3781428.78       39.07100  (12111715)
      401768.88   3781428.78       40.09011  (12111715)                401788.88
3781428.78       40.40648  (12021515)
      401808.88   3781428.78       41.17098  (12021515)                401828.88
3781428.78       41.01735  (12021515)
      401848.88   3781428.78       40.04049  (12021515)                401868.88
3781428.78       38.37364  (12021515)
      401888.88   3781428.78       36.42341  (12021515)                401908.88
3781428.78       34.01620  (12021515)
      401928.88   3781428.78       31.37284  (12021515)                401948.88
3781428.78       35.00236  (12042618)
      401968.88   3781428.78       37.62149  (12042618)                401988.88
3781428.78       39.60719  (12042618)
      402008.88   3781428.78       40.58383  (12042618)                402028.88
3781428.78       41.12349  (12042618)
      402048.88   3781428.78       40.98595  (12042618)                402068.88
3781428.78       41.27240  (12120216)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
 Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402088.88   3781428.78   41.42857 (12120216)   402108.88
3781428.78   41.00199 (12120216)
        402128.88   3781428.78   39.64965 (12120216)   402148.88
3781428.78   37.59917 (12120216)
        402168.88   3781428.78   34.71644 (12120216)   402188.88
3781428.78   31.33445 (12120216)
        402208.88   3781428.78   30.23523 (14120116)   402228.88
3781428.78   29.85497 (14120116)
        402248.88   3781428.78   29.14375 (14120116)   402268.88
3781428.78   28.19653 (14120116)
        402288.88   3781428.78   26.99883 (14120116)   402308.88
3781428.78   25.65076 (14120116)
        402328.88   3781428.78   24.28101 (14120116)   402348.88
3781428.78   23.74890 (12031616)
        402368.88   3781428.78   25.07728 (12031616)   402388.88
3781428.78   26.43723 (12031616)
        402408.88   3781428.78   27.68520 (12031616)   402428.88
3781428.78   28.82217 (12031616)
        402448.88   3781428.78   29.72488 (12031616)   402468.88
3781428.78   30.20611 (12031616)
        402488.88   3781428.78   30.85026 (12031616)   402508.88
3781428.78   31.37524 (12031616)

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      401308.88   3781448.78       10.32999  (12022717)              401328.88
3781448.78       10.37710  (12022717)
      401348.88   3781448.78       10.41605  (12022717)              401368.88
3781448.78       10.41240  (12022717)
      401388.88   3781448.78       10.41503  (12022717)              401408.88
3781448.78       10.85168  (14020617)
      401428.88   3781448.78       11.30724  (14020617)              401448.88
3781448.78       11.78755  (14020617)
      401468.88   3781448.78       12.29737  (14020617)              401488.88
3781448.78       12.88354  (14020617)
      401508.88   3781448.78       13.44178  (14020617)              401528.88
3781448.78       14.08626  (14020617)
      401548.88   3781448.78       14.71581  (14020617)              401568.88
3781448.78       15.48300  (14020617)
      401588.88   3781448.78       16.30837  (14020617)              401608.88
3781448.78       17.09377  (14020617)
      401628.88   3781448.78       18.38516  (12111715)              401648.88
3781448.78       22.45759  (12111715)
      401668.88   3781448.78       26.85850  (12111715)              401688.88
3781448.78       31.31232  (12111715)
      401708.88   3781448.78       35.41187  (12111715)              401728.88
3781448.78       38.96907  (12111715)
      401748.88   3781448.78       41.70205  (12111715)              401768.88
3781448.78       43.28645  (12111715)
      401788.88   3781448.78       43.76839  (12111715)              401808.88
3781448.78       44.58642  (12021515)
      401828.88   3781448.78       44.64438  (12021515)              401848.88
3781448.78       43.93038  (12021515)
      401868.88   3781448.78       42.33796  (12021515)              401888.88
3781448.78       40.41622  (12021515)
      401908.88   3781448.78       37.94127  (12021515)              401928.88
3781448.78       35.63803  (12042618)
      401948.88   3781448.78       39.02392  (12042618)              401968.88
3781448.78       41.82548  (12042618)
      401988.88   3781448.78       43.53293  (12042618)              402008.88
3781448.78       44.55291  (12042618)
      402028.88   3781448.78       44.99621  (12042618)              402048.88
3781448.78       44.89634  (12120216)
      402068.88   3781448.78       45.29071  (12120216)              402088.88
3781448.78       44.94520  (12120216)
      402108.88   3781448.78       43.91621  (12120216)              402128.88
3781448.78       42.16649  (12120216)
      402148.88   3781448.78       39.59009  (12120216)              402168.88
3781448.78       36.07797  (12120216)
      402188.88   3781448.78       33.90090  (14120116)              402208.88
3781448.78       33.40695  (14120116)
      402228.88   3781448.78       32.65331  (14120116)              402248.88
3781448.78       31.50089  (14120116)
      402268.88   3781448.78       30.13861  (14120116)              402288.88
3781448.78       28.62167  (14120116)
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      402308.88   3781448.78       26.95212  (14120116)              402328.88
3781448.78       28.49948  (12031616)
      402348.88   3781448.78       29.83536  (12031616)              402368.88
3781448.78       31.22296  (12031616)
      402388.88   3781448.78       32.49671  (12031616)              402408.88
3781448.78       33.64257  (12031616)
      402428.88   3781448.78       34.47585  (12031616)              402448.88
3781448.78       35.15271  (12031616)
```
↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 396
 *** MODELOPTs: RegDFAULT CONC ELEV   URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                               ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
      402468.88   3781448.78   35.43081 (12031616)   402488.88
3781448.78   35.93628 (12031616)
      402508.88   3781448.78   36.16122 (12031616)   401308.88
3781468.78   11.48008 (12022717)
      401328.88   3781468.78   11.60324 (12022717)   401348.88
3781468.78   11.71671 (12022717)
      401368.88   3781468.78   11.76228 (12022717)   401388.88
3781468.78   11.84354 (12022717)
      401408.88   3781468.78   11.91830 (12022717)   401428.88
3781468.78   11.95015 (12022717)
      401448.88   3781468.78   12.09190 (14020617)   401468.88
3781468.78   12.64547 (14020617)
      401488.88   3781468.78   13.26607 (14020617)   401508.88
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3781468.78        13.88320  (14020617)
       401528.88    3781468.78        14.59351  (14020617)                   401548.88
3781468.78        15.28809  (14020617)
       401568.88    3781468.78        16.13711  (14020617)                   401588.88
3781468.78        17.05231  (14020617)
       401608.88    3781468.78        17.92161  (14020617)                   401628.88
3781468.78        19.01282  (13071806)
       401648.88    3781468.78        21.64858  (12111715)                   401668.88
3781468.78        26.40788  (12111715)
       401688.88    3781468.78        31.28650  (12111715)                   401708.88
3781468.78        36.25856  (12111715)
       401728.88    3781468.78        40.76019  (12111715)                   401748.88
3781468.78        44.49706  (12111715)
       401768.88    3781468.78        46.92813  (12111715)                   401788.88
3781468.78        47.96565  (12111715)
       401808.88    3781468.78        48.66197  (12021515)                   401828.88
3781468.78        49.11120  (12021515)
       401848.88    3781468.78        48.47649  (12021515)                   401868.88
3781468.78        46.94179  (12021515)
       401888.88    3781468.78        45.06425  (12021515)                   401908.88
3781468.78        42.56488  (12021515)
       401928.88    3781468.78        40.28396  (12042618)                   401948.88
3781468.78        43.90648  (12042618)
       401968.88    3781468.78        46.65577  (12042618)                   401988.88
3781468.78        48.27552  (12042618)
       402008.88    3781468.78        49.03391  (12042618)                   402028.88
3781468.78        49.12915  (12042618)
       402048.88    3781468.78        49.50863  (12120216)                   402068.88
3781468.78        49.44157  (12120216)
       402088.88    3781468.78        48.73302  (12120216)                   402108.88
3781468.78        47.18903  (12120216)
       402128.88    3781468.78        44.81508  (12120216)                   402148.88
3781468.78        41.48831  (12120216)
       402168.88    3781468.78        38.36191  (14120116)                   402188.88
3781468.78        37.87602  (14120116)
       402208.88    3781468.78        36.78562  (14120116)                   402228.88
3781468.78        35.55910  (14120116)
       402248.88    3781468.78        33.88637  (14120116)                   402268.88
3781468.78        32.04377  (14120116)
       402288.88    3781468.78        32.56176  (12031616)                   402308.88
3781468.78        34.28774  (12031616)
       402328.88    3781468.78        35.82276  (12031616)                   402348.88
3781468.78        37.04905  (12031616)
       402368.88    3781468.78        38.28337  (12031616)                   402388.88
3781468.78        39.43295  (12031616)
       402408.88    3781468.78        40.33591  (12031616)                   402428.88
3781468.78        40.86342  (12031616)
       402448.88    3781468.78        41.02143  (12031616)                   402468.88
3781468.78        40.85404  (12031616)
       402488.88    3781468.78        40.92277  (12031616)                   402508.88
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3781468.78        40.71098  (12031616)
      401308.88    3781488.78        12.64067  (12022717)                401328.88
3781488.78        12.83622  (12022717)
      401348.88    3781488.78        13.05096  (12022717)                401368.88
3781488.78        13.15201  (12022717)
      401388.88    3781488.78        13.34549  (12022717)                401408.88
3781488.78        13.53950  (12022717)
      401428.88    3781488.78        13.65675  (12022717)                401448.88
3781488.78        13.72902  (12022717)
      401468.88    3781488.78        13.79634  (12022717)                401488.88
3781488.78        13.86833  (12022717)
      401508.88    3781488.78        14.32996  (14020617)                401528.88
3781488.78        15.10569  (14020617)
      401548.88    3781488.78        15.87250  (14020617)                401568.88
3781488.78        16.80084  (14020617)
      401588.88    3781488.78        17.79340  (14020617)                401608.88
3781488.78        18.82722  (13071806)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
      401628.88   3781488.78   20.04445 (13071806)   401648.88
3781488.78   21.37014 (13071806)
      401668.88   3781488.78   25.47988 (12111715)   401688.88
3781488.78   31.03515 (12111715)

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     401708.88    3781488.78       36.82186  (12111715)              401728.88
3781488.78       42.30242  (12111715)
     401748.88    3781488.78       47.08223  (12111715)              401768.88
3781488.78       50.67458  (12111715)
     401788.88    3781488.78       52.59773  (12111715)              401808.88
3781488.78       53.27662  (12021515)
     401828.88    3781488.78       54.17988  (12021515)              401848.88
3781488.78       53.65256  (12021515)
     401868.88    3781488.78       52.33084  (12021515)              401888.88
3781488.78       50.64746  (12021515)
     401908.88    3781488.78       48.07835  (12021515)              401928.88
3781488.78       46.50677  (12042618)
     401948.88    3781488.78       50.04128  (12042618)              401968.88
3781488.78       52.53730  (12042618)
     401988.88    3781488.78       54.20913  (12042618)              402008.88
3781488.78       54.26406  (12042618)
     402028.88    3781488.78       54.30287  (12120216)              402048.88
3781488.78       54.71616  (12120216)
     402068.88    3781488.78       54.18688  (12120216)              402088.88
3781488.78       52.79173  (12120216)
     402108.88    3781488.78       50.76531  (12120216)              402128.88
3781488.78       47.46525  (12120216)
     402148.88    3781488.78       44.41488  (12120216)              402168.88
3781488.78       43.80958  (14120116)
     402188.88    3781488.78       42.73620  (14120116)              402208.88
3781488.78       40.42474  (14120116)
     402228.88    3781488.78       38.46932  (14120116)              402248.88
3781488.78       37.49128  (12031616)
     402268.88    3781488.78       39.61946  (12031616)              402288.88
3781488.78       41.64050  (12031616)
     402308.88    3781488.78       43.03685  (12031616)              402328.88
3781488.78       44.34018  (12031616)
     402348.88    3781488.78       45.40588  (12031616)              402368.88
3781488.78       46.50529  (12031616)
     402388.88    3781488.78       47.49603  (12031616)              402408.88
3781488.78       47.99200  (12031616)
     402428.88    3781488.78       47.92530  (12031616)              402448.88
3781488.78       47.76683  (12031616)
     402468.88    3781488.78       47.22788  (12031616)              402488.88
3781488.78       46.28643  (12031616)
     402508.88    3781488.78       46.18546  (12031616)              401308.88
3781508.78       13.64168  (12022717)
     401328.88    3781508.78       13.95165  (12022717)              401348.88
3781508.78       14.29084  (12022717)
     401368.88    3781508.78       14.52406  (12022717)              401388.88
3781508.78       14.82600  (12022717)
     401408.88    3781508.78       15.16361  (12022717)              401428.88
3781508.78       15.44671  (12022717)
     401448.88    3781508.78       15.63534  (12022717)              401468.88
3781508.78       15.77685  (12022717)
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        401488.88    3781508.78        16.02472  (12022717)                        401508.88
3781508.78       16.11715  (12022717)
        401528.88    3781508.78        16.27350  (12022717)                        401548.88
3781508.78       16.46830  (14020617)
        401568.88    3781508.78        17.47726  (14020617)                        401588.88
3781508.78       18.56154  (14020617)
        401608.88    3781508.78        19.79183  (13071806)                        401628.88
3781508.78       21.15499  (13071806)
        401648.88    3781508.78        22.67156  (13071806)                        401668.88
3781508.78       24.36797  (12111715)
        401688.88    3781508.78        30.33544  (12111715)                        401708.88
3781508.78       36.98534  (12111715)
        401728.88    3781508.78        43.89178  (12111715)                        401748.88
3781508.78       49.74150  (12111715)
        401768.88    3781508.78        54.79084  (12111715)                        401788.88
3781508.78       57.74430  (12111715)
        401808.88    3781508.78        58.83882  (12111715)                        401828.88
3781508.78       59.73399  (12021515)
        401848.88    3781508.78        59.81707  (12021515)                        401868.88
3781508.78       58.79192  (12021515)
        401888.88    3781508.78        57.05430  (12021515)                        401908.88
3781508.78       54.51746  (12021515)
        401928.88    3781508.78        53.08642  (12042618)                        401948.88
3781508.78       56.48896  (12042618)
        401968.88    3781508.78        59.05534  (12042618)                        401988.88
3781508.78       60.10467  (12042618)
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                                PAGE 398
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3
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     X-COORD (M)  Y-COORD (M)       CONC   (YYMMDDHH)                 X-COORD (M)
Y-COORD (M)      CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
       402008.88   3781508.78      60.31210  (12042618)                  402028.88
3781508.78      60.76749  (12120216)
       402048.88   3781508.78      60.63165  (12120216)                  402068.88
3781508.78      59.74214  (12120216)
       402088.88   3781508.78      57.67796  (12120216)                  402108.88
3781508.78      54.66106  (12120216)
       402128.88   3781508.78      50.77689  (12120216)                  402148.88
3781508.78      49.97819  (14120116)
       402168.88   3781508.78      48.95113  (14120116)                  402188.88
3781508.78      47.32673  (14120116)
       402208.88   3781508.78      44.31025  (14120116)                  402228.88
3781508.78      46.25088  (12031616)
       402248.88   3781508.78      48.47608  (12031616)                  402268.88
3781508.78      50.26660  (12031616)
       402288.88   3781508.78      51.90556  (12031616)                  402308.88
3781508.78      53.28573  (12031616)
       402328.88   3781508.78      54.16892  (12031616)                  402348.88
3781508.78      55.22821  (12031616)
       402368.88   3781508.78      56.17787  (12031616)                  402388.88
3781508.78      56.62559  (12031616)
       402408.88   3781508.78      56.63057  (12031616)                  402428.88
3781508.78      55.88739  (12031616)
       402448.88   3781508.78      54.86609  (12031616)                  402468.88
3781508.78      53.93860  (12031616)
       402488.88   3781508.78      52.55295  (12031616)                  402508.88
3781508.78      51.61301  (12031616)
       401308.88   3781528.78      14.46007  (12022717)                  401328.88
3781528.78      14.91256  (12022717)
       401348.88   3781528.78      15.39535  (12022717)                  401368.88
3781528.78      15.76950  (12022717)
       401388.88   3781528.78      16.16314  (12022717)                  401408.88
3781528.78      16.67438  (12022717)
       401428.88   3781528.78      17.12638  (12022717)                  401448.88
3781528.78      17.47060  (12022717)
       401468.88   3781528.78      17.80632  (12022717)                  401488.88
3781528.78      18.22602  (12022717)
       401508.88   3781528.78      18.44934  (12022717)                  401528.88
3781528.78      18.78546  (12022717)
       401548.88   3781528.78      19.00503  (12022717)                  401568.88
3781528.78      19.30902  (12022717)
       401588.88   3781528.78      19.55675  (12022717)                  401608.88
3781528.78      20.76536  (13071806)
       401628.88   3781528.78      22.30044  (13071806)                  401648.88
3781528.78      24.05141  (15120908)
       401668.88   3781528.78      26.01199  (15120908)                  401688.88
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3781528.78       29.33182  (12111715)
        401708.88    3781528.78       36.70955  (12111715)           401728.88
3781528.78       44.83501  (12111715)
        401748.88    3781528.78       52.30728  (12111715)           401768.88
3781528.78       59.16997  (12111715)
        401788.88    3781528.78       64.08510  (12111715)           401808.88
3781528.78       66.34447  (12111715)
        401828.88    3781528.78       66.90908  (12021515)           401848.88
3781528.78       67.33662  (12021515)
        401868.88    3781528.78       66.71164  (12021515)           401888.88
3781528.78       65.05170  (12021515)
        401908.88    3781528.78       62.44135  (12021515)           401928.88
3781528.78       62.89057  (12042618)
        401948.88    3781528.78       66.32231  (12042618)           401968.88
3781528.78       68.07187  (12042618)
        401988.88    3781528.78       68.88424  (12042618)           402008.88
3781528.78       68.20517  (12120216)
        402028.88    3781528.78       68.48628  (12120216)           402048.88
3781528.78       67.71488  (12120216)
        402068.88    3781528.78       66.21576  (12120216)           402088.88
3781528.78       63.38489  (12120216)
        402108.88    3781528.78       59.49687  (12120216)           402128.88
3781528.78       57.45001  (14120116)
        402148.88    3781528.78       56.58058  (14120116)           402168.88
3781528.78       54.82886  (14120116)
        402188.88    3781528.78       55.24665  (12031616)           402208.88
3781528.78       57.64424  (12031616)
        402228.88    3781528.78       60.50366  (12031616)           402248.88
3781528.78       62.49339  (12031616)
        402268.88    3781528.78       63.86627  (12031616)           402288.88
3781528.78       64.94599  (12031616)
        402308.88    3781528.78       65.66010  (12031616)           402328.88
3781528.78       66.62954  (12031616)
        402348.88    3781528.78       68.82468  (12031616)           402368.88
3781528.78       68.42909  (12031616)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                          PAGE 399
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018

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, L0000019   , L0000020   , L0000021    ,
                L0000022   , L0000023    , L0000024    , L0000025    , L0000026
, L0000027   , L0000028   ,  . . .       ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)          X-COORD (M)
Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        402388.88   3781528.78      68.33211  (12031616)          402408.88
3781528.78      67.55034  (12031616)
        402428.88   3781528.78      66.36553  (12031616)          402448.88
3781528.78      64.69655  (12031616)
        402468.88   3781528.78      66.01229  (12031616)          402488.88
3781528.78      63.62320  (12031616)
        402508.88   3781528.78      58.23534  (12031616)          401308.88
3781548.78      15.05763  (12022717)
        401328.88   3781548.78      15.68882  (12022717)          401348.88
3781548.78      16.25349  (12022717)
        401368.88   3781548.78      16.77766  (12022717)          401388.88
3781548.78      17.30772  (12022717)
        401408.88   3781548.78      17.98415  (12022717)          401428.88
3781548.78      18.62919  (12022717)
        401448.88   3781548.78      19.17680  (12022717)          401468.88
3781548.78      19.67423  (12022717)
        401488.88   3781548.78      20.34534  (12022717)          401508.88
3781548.78      20.66371  (12022717)
        401528.88   3781548.78      21.31579  (12022717)          401548.88
3781548.78      21.68757  (12022717)
        401568.88   3781548.78      22.27315  (12022717)          401588.88
3781548.78      22.86453  (12022717)
        401608.88   3781548.78      23.43884  (12022717)          401628.88
3781548.78      23.95536  (12022717)
        401648.88   3781548.78      25.59038  (15120908)          401668.88
3781548.78      27.85914  (15120908)
        401688.88   3781548.78      30.39081  (15120908)          401708.88
3781548.78      35.77497  (12111715)
        401728.88   3781548.78      44.98581  (12111715)          401748.88
3781548.78      54.59874  (12111715)
        401768.88   3781548.78      64.20818  (12111715)          401788.88
3781548.78      71.64172  (12111715)
        401808.88   3781548.78      75.64168  (12111715)          401828.88
3781548.78      77.19910  (12021515)
        401848.88   3781548.78      77.67515  (12021515)          401868.88
3781548.78      76.70025  (12021515)
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     401888.88    3781548.78        75.21981  (12021515)              401908.88
3781548.78        72.47229  (12021515)
     401928.88    3781548.78        73.69358  (12042618)              401948.88
3781548.78        76.47772  (12042618)
     401968.88    3781548.78        77.69248  (12042618)              401988.88
3781548.78        77.86699  (12042618)
     402008.88    3781548.78        78.25527  (12120216)              402028.88
3781548.78        78.26021  (12120216)
     402048.88    3781548.78        76.85703  (12120216)              402068.88
3781548.78        74.17809  (12120216)
     402088.88    3781548.78        70.15837  (12120216)              402108.88
3781548.78        67.56105  (14120116)
     402128.88    3781548.78        66.52457  (14120116)              402148.88
3781548.78        66.91112  (12031616)
     402168.88    3781548.78        70.23356  (12031616)              402188.88
3781548.78        73.34446  (12031616)
     402208.88    3781548.78        75.79733  (12031616)              402228.88
3781548.78        78.17715  (12031616)
     402248.88    3781548.78        79.17791  (12031616)              402268.88
3781548.78        80.06386  (12031616)
     402288.88    3781548.78        81.37206  (12031616)              402308.88
3781548.78        82.42872  (12031616)
     402328.88    3781548.78        84.78984  (12031616)              402348.88
3781548.78        89.85215  (12031616)
     402368.88    3781548.78        85.82860  (12031616)              402388.88
3781548.78        85.71774  (12031616)
     402408.88    3781548.78        83.74577  (12031616)              402428.88
3781548.78        81.39766  (12031616)
     402448.88    3781548.78        78.45855  (12031616)              402468.88
3781548.78        77.89379  (12031616)
     402488.88    3781548.78        84.08949  (12031616)              402508.88
3781548.78        72.18921  (12031616)
     401308.88    3781568.78        15.39193  (12022717)              401328.88
3781568.78        16.18203  (12022717)
     401348.88    3781568.78        16.84105  (12022717)              401368.88
3781568.78        17.45729  (12022717)
     401388.88    3781568.78        18.18891  (12022717)              401408.88
3781568.78        18.95319  (12022717)
     401428.88    3781568.78        19.78393  (12022717)              401448.88
3781568.78        20.52700  (12022717)
     401468.88    3781568.78        21.26469  (12022717)              401488.88
3781568.78        22.12087  (12022717)
     401508.88    3781568.78        22.69040  (12022717)              401528.88
3781568.78        23.56780  (12022717)
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                      PAGE 400

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  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):    L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
            **

     X-COORD (M)  Y-COORD (M)        CONC    (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - -
       401548.88   3781568.78       24.27003 (12022717)            401568.88
3781568.78       25.20846 (12022717)
       401588.88   3781568.78       26.14747 (12022717)            401608.88
3781568.78       27.13878 (12022717)
       401628.88   3781568.78       28.12939 (12022717)            401648.88
3781568.78       29.03111 (12022717)
       401668.88   3781568.78       29.94043 (12022717)            401688.88
3781568.78       32.65846 (15120908)
       401708.88   3781568.78       36.20906 (15120908)            401728.88
3781568.78       44.76675 (12111715)
       401748.88   3781568.78       56.43033 (12111715)            401768.88
3781568.78       69.59661 (12111715)
       401788.88   3781568.78       81.56905 (12111715)            401808.88
3781568.78       88.78294 (12111715)
       401828.88   3781568.78       90.94005 (12021515)            401848.88
3781568.78       91.60998 (12021515)
       401868.88   3781568.78       90.88508 (12021515)            401888.88
3781568.78       89.78885 (12021515)
       401908.88   3781568.78       86.89555 (12021515)            401928.88
3781568.78       88.22759 (12042618)
       401948.88   3781568.78       91.23852 (12042618)            401968.88
3781568.78       92.13012 (12042618)
       401988.88   3781568.78       92.26458 (12120216)            402008.88
3781568.78       91.69495 (12120216)
       402028.88   3781568.78       90.96499 (12120216)            402048.88
3781568.78       89.50559 (12120216)
       402068.88   3781568.78       85.03107 (12120216)            402088.88
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3781568.78       87.49038  (12031616)
      402148.88   3781568.78      90.24136  (12031616)              402168.88
3781568.78       94.76198  (12031616)
      402188.88   3781568.78      99.31535  (12031616)              402208.88
3781568.78      100.61922  (12031616)
      402228.88   3781568.78     101.60495  (12031616)              402248.88
3781568.78      101.04593  (12031616)
      402268.88   3781568.78     103.02637  (12031616)              402288.88
3781568.78      107.14530  (12031616)
      402308.88   3781568.78     114.05734  (12031616)              402328.88
3781568.78      122.05441  (12031616)
      402348.88   3781568.78     131.07091  (12031616)              402368.88
3781568.78      123.49336  (12031616)
      402388.88   3781568.78     120.73215  (12031616)              402408.88
3781568.78      118.32360  (12031616)
      402428.88   3781568.78     118.63603  (12031616)              402448.88
3781568.78      112.52890  (12031616)
      402468.88   3781568.78     108.01810  (12031616)              402488.88
3781568.78      119.95891  (12120116)
      402508.88   3781568.78     121.66407  (12120116)              401308.88
3781588.78       15.41304  (12022717)
      401328.88   3781588.78      16.19983  (12022717)              401348.88
3781588.78       17.03534  (12022717)
      401368.88   3781588.78      17.72804  (12022717)              401388.88
3781588.78       18.59365  (12022717)
      401408.88   3781588.78      19.70972  (12022717)              401428.88
3781588.78       20.64696  (12022717)
      401448.88   3781588.78      21.54556  (12022717)              401468.88
3781588.78       22.42942  (12022717)
      401488.88   3781588.78      23.77442  (12022717)              401508.88
3781588.78       24.48925  (12022717)
      401528.88   3781588.78      25.52231  (12022717)              401548.88
3781588.78       26.53144  (12022717)
      401568.88   3781588.78      27.88744  (12022717)              401588.88
3781588.78       29.30000  (12022717)
      401608.88   3781588.78      30.55393  (12022717)              401628.88
3781588.78       31.96318  (12022717)
      401648.88   3781588.78      33.60660  (12022717)              401668.88
3781588.78       35.32690  (12022717)
      401688.88   3781588.78      37.28646  (12022717)              401708.88
3781588.78       39.48874  (15120908)
      401728.88   3781588.78      44.86301  (15120908)              401748.88
3781588.78       57.25958  (12111715)
      401768.88   3781588.78      75.18169  (12111715)              401788.88
3781588.78       96.28080  (12111715)
      401808.88   3781588.78     111.65509  (12111715)              401828.88
3781588.78      115.26216  (12021515)
      401848.88   3781588.78     115.55394  (12021515)              401868.88
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     3781588.78       113.63017  (12021515)
          401888.88   3781588.78       113.42637  (12021515)                    401908.88
3781588.78       111.73735  (16093007)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                                PAGE 401
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                             INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
              L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
              L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
              L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,


                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                                 ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


     X-COORD (M)  Y-COORD (M)         CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        401928.88   3781588.78       112.10255  (16093007)              401948.88
3781588.78       113.77826  (12042618)
        401968.88   3781588.78       114.43906  (12120216)              401988.88
3781588.78       114.58064  (12120216)
        402008.88   3781588.78       113.65069  (12120216)              402028.88
3781588.78       111.38334  (12120216)
        402048.88   3781588.78       107.28808  (12120216)              402068.88
3781588.78       111.04401  (12031616)
        402088.88   3781588.78       114.89887  (12031616)              402108.88
3781588.78       118.49267  (12031616)
        402128.88   3781588.78       120.14118  (12031616)              402148.88
3781588.78       126.41832  (12031616)
        402168.88   3781588.78       137.03888  (12031616)              402188.88
3781588.78       142.26528  (12031616)
        402208.88   3781588.78       140.47268  (12031616)              402228.88
3781588.78       138.75035  (12031616)
        402248.88   3781588.78       141.41584  (12031616)              402268.88
3781588.78       157.38493  (12031616)
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      402288.88    3781588.78       182.86747  (12031616)            402308.88
3781588.78      193.34357  (12120116)
      402328.88    3781588.78       176.30134  (12120116)            402348.88
3781588.78      161.48557  (12120116)
      402368.88    3781588.78       160.74329  (12120116)            402388.88
3781588.78      154.81585  (12120116)
      402408.88    3781588.78       159.38610  (12120116)            402428.88
3781588.78      151.68117  (12120116)
      402448.88    3781588.78       152.93936  (12120116)            402468.88
3781588.78      148.39266  (12120116)
      402488.88    3781588.78       148.45316  (12120116)            402508.88
3781588.78      144.77977  (12120116)
      401308.88    3781608.78        15.01279  (12022717)            401328.88
3781608.78       15.86485  (12022717)
      401348.88    3781608.78        16.75235  (12022717)            401368.88
3781608.78       17.56602  (12022717)
      401388.88    3781608.78        18.61585  (12022717)            401408.88
3781608.78       19.71704  (12022717)
      401428.88    3781608.78        20.77739  (12022717)            401448.88
3781608.78       21.77402  (12022717)
      401468.88    3781608.78        22.94507  (12022717)            401488.88
3781608.78       24.41657  (12022717)
      401508.88    3781608.78        25.49243  (12022717)            401528.88
3781608.78       26.93933  (12022717)
      401548.88    3781608.78        28.09707  (12022717)            401568.88
3781608.78       29.74685  (12022717)
      401588.88    3781608.78        31.57046  (12022717)            401608.88
3781608.78       33.35594  (12022717)
      401628.88    3781608.78        35.35699  (12022717)            401648.88
3781608.78       37.60233  (12022717)
      401668.88    3781608.78        39.91048  (12022717)            401688.88
3781608.78       43.02808  (12022717)
      401708.88    3781608.78        46.61756  (12022717)            401728.88
3781608.78       50.82929  (12022717)
      401748.88    3781608.78        58.30414  (15120908)            401768.88
3781608.78       77.86201  (12111715)
      401788.88    3781608.78       114.11214  (12111715)            401808.88
3781608.78      153.97705  (12111715)
      401828.88    3781608.78       156.95424  (12111715)            401848.88
3781608.78      159.42174  (12021515)
      401868.88    3781608.78       160.32757  (16093007)            401888.88
3781608.78      166.25705  (16093007)
      401908.88    3781608.78       169.80739  (16093007)            401928.88
3781608.78      169.21714  (16093007)
      401948.88    3781608.78       169.60562  (16093007)            401968.88
3781608.78      167.83893  (16093007)
      401988.88    3781608.78       165.75373  (16093007)            402008.88
3781608.78      166.83033  (12031616)
      402028.88    3781608.78       170.99984  (12031616)            402048.88
3781608.78      175.86665  (12031616)
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      402068.88    3781608.78        180.42339  (12031616)                402088.88
3781608.78        180.69750  (12031616)
      402108.88    3781608.78        178.95652  (12031616)                402128.88
3781608.78        168.38917  (12031616)
      402148.88    3781608.78        226.14057  (12031616)                402168.88
3781608.78        228.09583  (12031616)
      402188.88    3781608.78        208.90034  (12031616)                402208.88
3781608.78        208.09352  (12031616)
      402228.88    3781608.78        192.58054  (12120116)                402248.88
3781608.78        182.98672  (12120116)
      402268.88    3781608.78        146.70076  (12120116)                402288.88
3781608.78        123.72840  (12120116)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                              PAGE 402
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
               L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
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      402308.88    3781608.78         94.91530  (12120116)                402328.88
3781608.78         83.44354  (12120116)
      402348.88    3781608.78         89.46658  (12120116)                402368.88
3781608.78         84.43528  (12120116)
      402388.88    3781608.78         80.27773  (12120116)                402408.88
3781608.78         75.69715  (12120116)
      402428.88    3781608.78         75.20760  (12043018)                402448.88
3781608.78         75.05452  (12043018)
      402468.88    3781608.78         75.44821  (12043018)                402488.88
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3781608.78       75.51578  (12043018)
     402508.88   3781608.78       75.34261  (12043018)              401308.88
3781628.78       16.55403  (13051303)
     401328.88   3781628.78       17.17306  (13051303)              401348.88
3781628.78       17.74674  (13051303)
     401368.88   3781628.78       17.60150  (13051303)              401388.88
3781628.78       18.11270  (13051303)
     401408.88   3781628.78       19.18630  (12022717)              401428.88
3781628.78       20.30915  (12022717)
     401448.88   3781628.78       21.49242  (12022717)              401468.88
3781628.78       22.76425  (12022717)
     401488.88   3781628.78       24.29901  (12022717)              401508.88
3781628.78       25.53231  (12022717)
     401528.88   3781628.78       27.25904  (12022717)              401548.88
3781628.78       28.72555  (12022717)
     401568.88   3781628.78       30.68320  (12022717)              401588.88
3781628.78       32.91395  (12022717)
     401608.88   3781628.78       35.39583  (12022717)              401628.88
3781628.78       37.62565  (12022717)
     401648.88   3781628.78       40.58580  (12022717)              401668.88
3781628.78       43.83936  (12022717)
     401688.88   3781628.78       47.71481  (12022717)              401708.88
3781628.78       54.18125  (12120215)
     401728.88   3781628.78       62.69464  (12120215)              401748.88
3781628.78       74.95289  (12120215)
     401768.88   3781628.78       95.10699  (12033117)              401788.88
3781628.78      145.84698  (12033117)
     402128.88   3781628.78      260.09995  (12031616)              402148.88
3781628.78      191.88781  (12031616)
     402168.88   3781628.78      156.08278  (12031616)              402188.88
3781628.78      136.54104  (12120116)
     402208.88   3781628.78      124.83848  (12120116)              402228.88
3781628.78      115.05616  (12120116)
     402248.88   3781628.78      105.57306  (12120116)              402268.88
3781628.78       96.49964  (12120116)
     402288.88   3781628.78       78.70771  (12120116)              402308.88
3781628.78       72.25761  (12120116)
     402328.88   3781628.78       66.84788  (12120116)              402348.88
3781628.78       66.23821  (12120116)
     402368.88   3781628.78       62.91927  (12120116)              402388.88
3781628.78       55.26997  (12120116)
     402408.88   3781628.78       51.56220  (12120116)              402428.88
3781628.78       50.67427  (12120116)
     402448.88   3781628.78       48.43472  (12120116)              402468.88
3781628.78       46.18190  (12120116)
     402488.88   3781628.78       44.95606  (12071919)              402508.88
3781628.78       45.29607  (12043018)
     401308.88   3781648.78       18.46798  (13051303)              401328.88
3781648.78       18.80624  (13051303)
     401348.88   3781648.78       19.38923  (13051303)              401368.88
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3781648.78       19.96626  (13051303)
       401388.88   3781648.78       20.10397  (13051303)                  401408.88
3781648.78       20.32603  (13051303)
       401428.88   3781648.78       20.36775  (13051303)                  401448.88
3781648.78       21.44694  (12120215)
       401468.88   3781648.78       22.97408  (12120215)                  401488.88
3781648.78       24.66500  (12120215)
       401508.88   3781648.78       26.54313  (12120215)                  401528.88
3781648.78       28.61899  (12120215)
       401548.88   3781648.78       30.92059  (12120215)                  401568.88
3781648.78       33.56560  (12120215)
       401588.88   3781648.78       36.46883  (12120215)                  401608.88
3781648.78       40.07153  (12120215)
       401628.88   3781648.78       43.63006  (12120215)                  401648.88
3781648.78       48.53916  (12120215)
       401668.88   3781648.78       54.39937  (12120215)                  401688.88
3781648.78       61.43210  (12033117)
       401708.88   3781648.78       72.56798  (12033117)                  401728.88
3781648.78       86.70579  (12033117)
       401748.88   3781648.78      108.73261  (12033117)                  401768.88
3781648.78      142.65352  (12033117)
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⬥ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                                   PAGE 403

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
           **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
 -

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3781648.78        233.17741   (12031616)
       402128.88    3781648.78       219.85531   (12120116)                402148.88
3781648.78        167.28729   (12120116)
       402168.88    3781648.78       138.94461   (12120116)                402188.88
3781648.78        120.20779   (12120116)
       402208.88    3781648.78       106.89289   (12120116)                402228.88
3781648.78         96.21555   (12120116)
       402248.88    3781648.78        86.23412   (12120116)                402268.88
3781648.78         76.95418   (12120116)
       402288.88    3781648.78        71.52537   (12120116)                402308.88
3781648.78         65.40715   (12120116)
       402328.88    3781648.78        60.52812   (12120116)                402348.88
3781648.78         57.62039   (12120116)
       402368.88    3781648.78        53.95555   (12120116)                402388.88
3781648.78         48.89166   (12120116)
       402408.88    3781648.78        45.49633   (12120116)                402428.88
3781648.78         43.58797   (12120116)
       402448.88    3781648.78        41.08649   (12120116)                402468.88
3781648.78         39.01151   (12120116)
       402488.88    3781648.78        37.07095   (12120116)                402508.88
3781648.78         35.55175   (12022708)
       401308.88    3781668.78        20.09004   (13051303)                401328.88
3781668.78         20.71470   (13051303)
       401348.88    3781668.78        21.38445   (13051303)                401368.88
3781668.78         22.10455   (13051303)
       401388.88    3781668.78        22.40422   (13100421)                401408.88
3781668.78         22.44760   (13100421)
       401428.88    3781668.78        23.46110   (12120215)                401448.88
3781668.78         25.12257   (12120215)
       401468.88    3781668.78        26.97446   (12120215)                401488.88
3781668.78         29.01958   (12120215)
       401508.88    3781668.78        31.28582   (12120215)                401528.88
3781668.78         33.84214   (12120215)
       401548.88    3781668.78        36.58069   (12120215)                401568.88
3781668.78         40.26009   (12033117)
       401588.88    3781668.78        44.66302   (12033117)                401608.88
3781668.78         50.02105   (12033117)
       401628.88    3781668.78        55.20082   (12033117)                401648.88
3781668.78         62.16605   (12033117)
       401668.88    3781668.78        71.44559   (12033117)                401688.88
3781668.78         81.84131   (12033117)
       401708.88    3781668.78        97.94811   (12033117)                401728.88
3781668.78        115.26374   (12033117)
       401748.88    3781668.78       142.81573   (12033117)                401768.88
3781668.78        180.29482   (12033117)
       401788.88    3781668.78       251.34084   (12033117)                402108.88
3781668.78        259.32345   (12120116)
       402128.88    3781668.78       188.35628   (12120116)                402148.88
3781668.78        149.32922   (12120116)
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       402168.88   3781668.78      126.28901  (12120116)                    402188.88
3781668.78      109.72807  (12120116)
       402208.88   3781668.78       97.51521  (12120116)                    402228.88
3781668.78       87.63064  (12120116)
       402248.88   3781668.78       79.32766  (12120116)                    402268.88
3781668.78       71.53081  (12120116)
       402288.88   3781668.78       65.78347  (12120116)                    402308.88
3781668.78       60.24789  (12120116)
       402328.88   3781668.78       55.35772  (12120116)                    402348.88
3781668.78       51.93238  (12120116)
       402368.88   3781668.78       48.42220  (12120116)                    402388.88
3781668.78       44.75979  (12120116)
       402408.88   3781668.78       41.04060  (12120116)                    402428.88
3781668.78       38.83257  (12120116)
       402448.88   3781668.78       36.43201  (12120116)                    402468.88
3781668.78       34.27370  (12120116)
       402488.88   3781668.78       32.15243  (12120116)                    402508.88
3781668.78       30.39177  (12022708)
       401308.88   3781688.78       20.89556  (13100421)                    401328.88
3781688.78       21.66901  (13100421)
       401348.88   3781688.78       22.33628  (13100421)                    401368.88
3781688.78       23.14279  (13100421)
       401388.88   3781688.78       23.44657  (13100421)                    401408.88
3781688.78       24.93758  (12120215)
       401428.88   3781688.78       26.66414  (12120215)                    401448.88
3781688.78       28.82125  (12033117)
       401468.88   3781688.78       31.45765  (12033117)                    401488.88
3781688.78       34.39205  (12033117)
       401508.88   3781688.78       37.65080  (12033117)                    401528.88
3781688.78       41.30871  (12033117)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                          PAGE 404
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                           INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                          *** DISCRETE CARTESIAN RECEPTOR POINTS

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***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)              X-COORD (M)
 Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - -
         401548.88   3781688.78      45.40012  (12033117)              401568.88
 3781688.78      50.01834  (12033117)
         401588.88   3781688.78      55.17041  (12033117)              401608.88
 3781688.78      61.23952  (12033117)
         401628.88   3781688.78      68.20003  (12033117)              401648.88
 3781688.78      76.69902  (12033117)
         401668.88   3781688.78      86.56177  (12033117)              401688.88
 3781688.78      98.92915  (12033117)
         401708.88   3781688.78     115.09962  (12033117)              401728.88
 3781688.78     135.73025  (12033117)
         401748.88   3781688.78     164.04291  (12033117)              401768.88
 3781688.78     200.67912  (12033117)
         401788.88   3781688.78     270.15306  (12033117)              402088.88
 3781688.78     247.33716  (12120116)
         402108.88   3781688.78     214.30892  (12043018)              402128.88
 3781688.78     160.13885  (12120116)
         402148.88   3781688.78     132.72743  (12120116)              402168.88
 3781688.78     114.00406  (12120116)
         402188.88   3781688.78     100.08769  (12120116)              402208.88
 3781688.78      89.45145  (12120116)
         402228.88   3781688.78      80.16064  (12120116)              402248.88
 3781688.78      71.59061  (12120116)
         402268.88   3781688.78      64.96458  (12120116)              402288.88
 3781688.78      59.63952  (12120116)
         402308.88   3781688.78      54.24417  (12120116)              402328.88
 3781688.78      49.54706  (12120116)
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 3781688.78      36.76494  (12120116)
         402428.88   3781688.78      34.32125  (12120116)              402448.88
 3781688.78      32.05587  (12120116)
         402468.88   3781688.78      29.95199  (12120116)              402488.88
 3781688.78      27.94563  (12120116)
         402508.88   3781688.78      26.90610  (12022708)              401308.88
 3781708.78      24.23892  (13100421)
         401328.88   3781708.78      25.30325  (13100421)              401348.88
 3781708.78      25.89109  (13100421)
         401368.88   3781708.78      26.58638  (13100421)              401388.88
 3781708.78      27.32158  (12033117)
         401408.88   3781708.78      29.59240  (12033117)              401428.88
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3781708.78       38.02308  (12033117)
       401488.88    3781708.78       41.50450  (12033117)              401508.88
3781708.78       45.35771  (12033117)
       401528.88    3781708.78       49.47149  (12033117)              401548.88
3781708.78       53.81339  (12033117)
       401568.88    3781708.78       58.86659  (12033117)              401588.88
3781708.78       64.44767  (12033117)
       401608.88    3781708.78       71.24998  (12033117)              401628.88
3781708.78       79.34394  (12033117)
       401648.88    3781708.78       88.65711  (12033117)              401668.88
3781708.78      100.41536  (12033117)
       401688.88    3781708.78      111.39102  (12033117)              401708.88
3781708.78      129.61801  (12033117)
       401728.88    3781708.78      147.91895  (12033117)              401748.88
3781708.78      176.11900  (12033117)
       401768.88    3781708.78      210.66407  (12033117)              401788.88
3781708.78      279.97736  (12033117)
       402088.88    3781708.78      228.01730  (12043018)              402108.88
3781708.78      183.97968  (12043018)
       402128.88    3781708.78      151.81641  (12043018)              402148.88
3781708.78      130.38294  (12043018)
       402168.88    3781708.78      113.92096  (12043018)              402188.88
3781708.78       98.19650  (12043018)
       402208.88    3781708.78       81.32702  (12043018)              402228.88
3781708.78       76.17429  (12043018)
       402248.88    3781708.78       72.21766  (12043018)              402268.88
3781708.78       60.25381  (12043018)
       402288.88    3781708.78       56.67303  (12043018)              402308.88
3781708.78       50.49118  (12043018)
       402328.88    3781708.78       46.32199  (12043018)              402348.88
3781708.78       41.73998  (12043018)
       402368.88    3781708.78       38.16725  (12120116)              402388.88
3781708.78       36.17649  (12043018)
       402408.88    3781708.78       33.48405  (12043018)              402428.88
3781708.78       31.35996  (12043018)
       402448.88    3781708.78       29.38557  (12043018)              402468.88
3781708.78       27.63303  (12043018)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

                            PAGE 405
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002

, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402488.88 3781708.78   26.08340 (12043018)   402508.88
3781708.78   24.61939 (12043018)
        401308.88 3781728.78   24.93842 (15071823)   401328.88
3781728.78   26.08380 (12033117)
        401348.88 3781728.78   28.01299 (12033117)   401368.88
3781728.78   30.11343 (12033117)
        401388.88 3781728.78   32.42825 (12033117)   401408.88
3781728.78   34.98752 (12033117)
        401428.88 3781728.78   37.79489 (12033117)   401448.88
3781728.78   40.88183 (12033117)
        401468.88 3781728.78   44.27875 (12033117)   401488.88
3781728.78   48.01061 (12033117)
        401508.88 3781728.78   52.05171 (12033117)   401528.88
3781728.78   56.14436 (12033117)
        401548.88 3781728.78   60.68412 (12033117)   401568.88
3781728.78   65.95350 (12033117)
        401588.88 3781728.78   71.54900 (12033117)   401608.88
3781728.78   78.93569 (12033117)
        401628.88 3781728.78   86.72488 (12033117)   401648.88
3781728.78   96.18340 (12033117)
        401668.88 3781728.78   106.99344 (12033117)   401688.88
3781728.78   119.56361 (12033117)
        401708.88 3781728.78   134.11691 (12033117)   401728.88
3781728.78   153.24380 (12033117)
        401748.88 3781728.78   179.35748 (12033117)   401768.88
3781728.78   213.46086 (12033117)
        401788.88 3781728.78   281.04101 (12033117)   402088.88
3781728.78   205.46889 (12043018)
        402108.88 3781728.78   166.34197 (12043018)   402128.88
3781728.78   153.22863 (12043018)
        402148.88 3781728.78   134.80614 (12043018)   402168.88
3781728.78   119.59389 (12043018)

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     402188.88    3781728.78      106.40761  (12043018)                  402208.88
3781728.78      92.80612  (12043018)
     402228.88    3781728.78      82.61180  (12043018)                   402248.88
3781728.78      76.32845  (12043018)
     402268.88    3781728.78      68.72082  (12043018)                   402288.88
3781728.78      62.15790  (12043018)
     402308.88    3781728.78      55.25800  (12043018)                   402328.88
3781728.78      51.11382  (12043018)
     402348.88    3781728.78      46.34545  (12043018)                   402368.88
3781728.78      41.56468  (12043018)
     402388.88    3781728.78      39.04225  (12043018)                   402408.88
3781728.78      35.94332  (12043018)
     402428.88    3781728.78      33.62863  (12043018)                   402448.88
3781728.78      31.45064  (12043018)
     402468.88    3781728.78      29.43565  (12043018)                   402488.88
3781728.78      27.61864  (12043018)
     402508.88    3781728.78      25.97578  (12043018)                   401308.88
3781748.78      28.14986  (12033117)
     401328.88    3781748.78      30.07553  (12033117)                   401348.88
3781748.78      32.18735  (12033117)
     401368.88    3781748.78      34.47671  (12033117)                   401388.88
3781748.78      36.98200  (12033117)
     401408.88    3781748.78      39.71315  (12033117)                   401428.88
3781748.78      42.67772  (12033117)
     401448.88    3781748.78      45.89382  (12033117)                   401468.88
3781748.78      49.40516  (12033117)
     401488.88    3781748.78      53.20299  (12033117)                   401508.88
3781748.78      57.22776  (12033117)
     401528.88    3781748.78      61.31616  (12033117)                   401548.88
3781748.78      65.60602  (12033117)
     401568.88    3781748.78      70.87678  (12033117)                   401588.88
3781748.78      76.43396  (12033117)
     401608.88    3781748.78      83.78103  (12033117)                   401628.88
3781748.78      91.38650  (12033117)
     401648.88    3781748.78      100.23613  (12033117)                  401668.88
3781748.78      110.72561  (12033117)
     401688.88    3781748.78      122.99196  (12033117)                  401708.88
3781748.78      136.97071  (12033117)
     401728.88    3781748.78      155.69436  (12033117)                  401748.88
3781748.78      180.57189  (12033117)
     401768.88    3781748.78      212.55290  (12033117)                  401788.88
3781748.78      278.85044  (12033117)
     402068.88    3781748.78      256.89615  (12043018)                  402088.88
3781748.78      195.03835  (12043018)
     402108.88    3781748.78      164.15187  (12043018)                  402128.88
3781748.78      132.25568  (12043018)
     402148.88    3781748.78      116.55860  (12043018)                  402168.88
3781748.78      105.44464  (12043018)
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⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at ***
Sierra Madre\Meadows at ***   04/07/21

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   *** AERMET - VERSION  16216 ***   ***
                       ***          05:36:20


                            PAGE 406
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                         *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                            INCLUDING SOURCE(S):    L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   ,  . . .     ,


                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                           ** CONC OF PM_10    IN MICROGRAMS/M**3
               **


     X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)            X-COORD (M)
Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        402188.88  3781748.78      97.25309 (12043018)            402208.88
3781748.78      92.47452 (12043018)
        402228.88  3781748.78      85.72317 (12043018)            402248.88
3781748.78      77.98970 (12043018)
        402268.88  3781748.78      71.63448 (12043018)            402288.88
3781748.78      65.38683 (12043018)
        402308.88  3781748.78      58.53830 (12043018)            402328.88
3781748.78      53.88010 (12043018)
        402348.88  3781748.78      50.14679 (12043018)            402368.88
3781748.78      45.92098 (12043018)
        402388.88  3781748.78      42.28223 (12043018)            402408.88
3781748.78      39.13097 (12043018)
        402428.88  3781748.78      36.36632 (12043018)            402448.88
3781748.78      34.02946 (12043018)
        402468.88  3781748.78      31.68946 (12043018)            402488.88
3781748.78      29.67375 (12043018)
        402508.88  3781748.78      27.82353 (12043018)            401308.88
3781768.78      31.52130 (12033117)
        401328.88  3781768.78      33.55265 (12033117)            401348.88
3781768.78      35.75362 (12033117)
        401368.88  3781768.78      38.12151 (12033117)            401388.88
3781768.78      40.69798 (12033117)
        401408.88  3781768.78      43.46514 (12033117)            401428.88
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3781768.78        46.45516  (12033117)
      401448.88   3781768.78       49.65759  (12033117)                    401468.88
3781768.78        53.12996  (12033117)
      401488.88   3781768.78       56.85182  (12033117)                    401508.88
3781768.78        60.69952  (12033117)
      401528.88   3781768.78       64.28855  (12033117)                    401548.88
3781768.78        68.56967  (12033117)
      401568.88   3781768.78       73.28638  (12033117)                    401588.88
3781768.78        78.79850  (12033117)
      401608.88   3781768.78       85.17673  (12033117)                    401628.88
3781768.78        92.23997  (12033117)
      401648.88   3781768.78      100.53584  (12033117)                    401668.88
3781768.78       109.65264  (12033117)
      401688.88   3781768.78      121.07078  (12033117)                    401708.88
3781768.78       135.07911  (12033117)
      401728.88   3781768.78      154.22899  (12033117)                    401748.88
3781768.78       177.32061  (12033117)
      401768.88   3781768.78      208.64380  (12033117)                    401788.88
3781768.78       275.71507  (12033117)
      402068.88   3781768.78      237.07445  (12121716)                    402088.88
3781768.78       185.52619  (12121716)
      402108.88   3781768.78      143.59516  (12121716)                    402128.88
3781768.78       120.37575  (12043018)
      402148.88   3781768.78      107.61881  (12043018)                    402168.88
3781768.78        97.81284  (12043018)
      402188.88   3781768.78       89.50992  (12043018)                    402208.88
3781768.78        84.97745  (12043018)
      402228.88   3781768.78       85.74921  (12043018)                    402248.88
3781768.78        78.74557  (12043018)
      402268.88   3781768.78       72.71359  (12043018)                    402288.88
3781768.78        66.73439  (12043018)
      402308.88   3781768.78       60.67372  (12043018)                    402328.88
3781768.78        55.56244  (12043018)
      402348.88   3781768.78       52.24990  (12043018)                    402368.88
3781768.78        48.94377  (12043018)
      402388.88   3781768.78       45.37974  (12043018)                    402408.88
3781768.78        42.12534  (12043018)
      402428.88   3781768.78       39.17649  (12043018)                    402448.88
3781768.78        36.43592  (12043018)
      402468.88   3781768.78       33.95141  (12043018)                    402488.88
3781768.78        31.80869  (12043018)
      402508.88   3781768.78       29.82107  (12043018)                    401308.88
3781788.78        34.14112  (12033117)
      401328.88   3781788.78       36.18142  (12033117)                    401348.88
3781788.78        38.39638  (12033117)
      401368.88   3781788.78       40.77478  (12033117)                    401388.88
3781788.78        43.30656  (12033117)
      401408.88   3781788.78       46.02445  (12033117)                    401428.88
3781788.78        48.91878  (12033117)
      401448.88   3781788.78       52.04152  (12033117)                    401468.88
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        3781788.78        55.37128  (12033117)
        401488.88    3781788.78        58.93995  (12033117)                    401508.88
3781788.78        62.61546  (12033117)
        401528.88    3781788.78        65.94693  (12033117)                    401548.88
3781788.78        69.50554  (12033117)
        401568.88    3781788.78        73.74173  (12033117)                    401588.88
3781788.78        79.12599  (12033117)
```

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 407

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401608.88   3781788.78   85.10752 (12033117)   401628.88
3781788.78   91.92072 (12033117)
        401648.88   3781788.78   99.61525 (12033117)   401668.88
3781788.78   109.11690 (12033117)
        401688.88   3781788.78   122.27898 (12033117)   401708.88
3781788.78   137.30659 (12033117)
        401728.88   3781788.78   155.91998 (12033117)   401748.88
3781788.78   180.51188 (12033117)
        401768.88   3781788.78   205.21034 (12033117)   401788.88
3781788.78   271.60377 (12033117)
        402068.88   3781788.78   221.17081 (12121716)   402088.88
3781788.78   176.04843 (12121716)
        402108.88   3781788.78   141.47123 (12121716)   402128.88
3781788.78   115.78648 (12121716)
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     402148.88   3781788.78       103.63529  (12043018)              402168.88
3781788.78       94.56936  (12043018)
     402188.88   3781788.78        86.84547  (12043018)              402208.88
3781788.78       83.04443  (12043018)
     402228.88   3781788.78        83.59213  (12043018)              402248.88
3781788.78       77.69167  (12043018)
     402268.88   3781788.78        71.79394  (12043018)              402288.88
3781788.78       65.98098  (12043018)
     402308.88   3781788.78        61.07803  (12043018)              402328.88
3781788.78       56.64775  (12043018)
     402348.88   3781788.78        52.90858  (12043018)              402368.88
3781788.78       50.64011  (12043018)
     402388.88   3781788.78        47.06392  (12043018)              402408.88
3781788.78       43.95562  (12043018)
     402428.88   3781788.78        41.08565  (12043018)              402448.88
3781788.78       38.36114  (12043018)
     402468.88   3781788.78        35.90404  (12043018)              402488.88
3781788.78       33.78541  (12043018)
     402508.88   3781788.78        31.74575  (12043018)              401308.88
3781808.78       36.11017  (12033117)
     401328.88   3781808.78        38.08183  (12033117)              401348.88
3781808.78       40.18844  (12033117)
     401368.88   3781808.78        42.42872  (12033117)              401388.88
3781808.78       44.80895  (12033117)
     401408.88   3781808.78        47.34908  (12033117)              401428.88
3781808.78       50.05001  (12033117)
     401448.88   3781808.78        52.90129  (12033117)              401468.88
3781808.78       55.93029  (12033117)
     401488.88   3781808.78        59.14849  (12033117)              401508.88
3781808.78       62.47927  (12033117)
     401528.88   3781808.78        65.22034  (12033117)              401548.88
3781808.78       68.43036  (12033117)
     401568.88   3781808.78        72.69575  (12033117)              401588.88
3781808.78       77.35024  (12033117)
     401608.88   3781808.78        82.62724  (12033117)              401628.88
3781808.78       89.43365  (12033117)
     401648.88   3781808.78        99.65392  (12033117)              401668.88
3781808.78      109.38945  (12033117)
     401688.88   3781808.78       120.45349  (12033117)              401708.88
3781808.78      134.13182  (12033117)
     401728.88   3781808.78       152.14570  (12033117)              401748.88
3781808.78      173.56929  (12033117)
     401768.88   3781808.78       204.81655  (12033117)              401788.88
3781808.78      263.53145  (12033117)
     402068.88   3781808.78       217.75570  (12121716)              402088.88
3781808.78      173.46915  (12121716)
     402108.88   3781808.78       137.48885  (12121716)              402128.88
3781808.78      116.75818  (12121716)
     402148.88   3781808.78       100.77270  (12121716)              402168.88
3781808.78       91.56747  (12121716)
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      402188.88   3781808.78      83.52724 (12121716)              402208.88
3781808.78      81.33676 (12121716)
      402228.88   3781808.78      81.09266 (12043018)              402248.88
3781808.78      75.05214 (12043018)
      402268.88   3781808.78      70.25856 (12043018)              402288.88
3781808.78      65.05430 (12043018)
      402308.88   3781808.78      60.67077 (12043018)              402328.88
3781808.78      56.77506 (12043018)
      402348.88   3781808.78      53.42323 (12043018)              402368.88
3781808.78      51.11280 (12043018)
      402388.88   3781808.78      47.57037 (12043018)              402408.88
3781808.78      44.78261 (12043018)
      402428.88   3781808.78      42.20613 (12043018)              402448.88
3781808.78      39.72614 (12043018)
      402468.88   3781808.78      37.32640 (12043018)              402488.88
3781808.78      35.30790 (12043018)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                                 PAGE 408
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
      402508.88   3781808.78   33.28905 (12043018)   401308.88
3781828.78   37.13366 (12033117)
      401328.88   3781828.78   38.96923 (12033117)   401348.88
3781828.78   40.90331 (12033117)
      401368.88   3781828.78   42.94172 (12033117)   401388.88
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3781828.78       45.09182  (12033117)
     401408.88   3781828.78      47.36148  (12033117)                401428.88
3781828.78       49.75503  (12033117)
     401448.88   3781828.78      52.24719  (12033117)                401468.88
3781828.78       54.83119  (12033117)
     401488.88   3781828.78      57.50643  (12033117)                401508.88
3781828.78       60.21021  (12033117)
     401528.88   3781828.78      62.79902  (12033117)                401548.88
3781828.78       65.54002  (12033117)
     401568.88   3781828.78      68.83973  (12033117)                401588.88
3781828.78       73.32601  (12033117)
     401608.88   3781828.78      80.27826  (12033117)                401628.88
3781828.78       87.23724  (12033117)
     401648.88   3781828.78      93.98137  (12033117)                401668.88
3781828.78      101.86478  (12033117)
     401688.88   3781828.78     111.42329  (12033117)                401708.88
3781828.78      123.36257  (12033117)
     401728.88   3781828.78     140.21975  (12033117)                401748.88
3781828.78      156.67899  (12033117)
     401768.88   3781828.78     188.40488  (12033117)                401788.88
3781828.78      248.40956  (12033117)
     402068.88   3781828.78     202.59503  (12071919)                402088.88
3781828.78      164.08391  (12071919)
     402108.88   3781828.78     133.99284  (12071919)                402128.88
3781828.78      113.10212  (12121716)
     402148.88   3781828.78      98.37389  (12121716)                402168.88
3781828.78       89.10848  (12121716)
     402188.88   3781828.78      81.94982  (12121716)                402208.88
3781828.78       78.46670  (12121716)
     402228.88   3781828.78      77.51103  (12121716)                402248.88
3781828.78       71.74715  (12043018)
     402268.88   3781828.78      67.30349  (12043018)                402288.88
3781828.78       63.07629  (12043018)
     402308.88   3781828.78      59.12304  (12043018)                402328.88
3781828.78       55.52454  (12043018)
     402348.88   3781828.78      52.43727  (12043018)                402368.88
3781828.78       50.47106  (12043018)
     402388.88   3781828.78      47.37967  (12043018)                402408.88
3781828.78       44.73999  (12043018)
     402428.88   3781828.78      42.60659  (12043018)                402448.88
3781828.78       40.34587  (12043018)
     402468.88   3781828.78      38.11249  (12043018)                402488.88
3781828.78       36.19092  (12043018)
     402508.88   3781828.78      34.27059  (12043018)                401308.88
3781848.78       37.17541  (12033117)
     401328.88   3781848.78      38.80604  (12033117)                401348.88
3781848.78       40.50835  (12033117)
     401368.88   3781848.78      42.28759  (12033117)                401388.88
3781848.78       44.14628  (12033117)
     401408.88   3781848.78      46.09256  (12033117)                401428.88
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       401448.88   3781848.78       50.23665  (12033117)                   401468.88
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       401488.88   3781848.78       54.59612  (12033117)                   401508.88
3781848.78       56.96461  (12033117)
       401528.88   3781848.78       59.08122  (12033117)                   401548.88
3781848.78       61.13108  (12033117)
       401568.88   3781848.78       65.03668  (12033117)                   401588.88
3781848.78       69.91366  (12033117)
       401608.88   3781848.78       74.18420  (12033117)                   401628.88
3781848.78       78.70173  (12033117)
       401648.88   3781848.78       83.90174  (12033117)                   401668.88
3781848.78       90.50337  (12033117)
       401688.88   3781848.78       98.97193  (12033117)                   401708.88
3781848.78      108.23714  (12033117)
       401728.88   3781848.78      120.03838  (12033117)                   401748.88
3781848.78      137.01336  (12033117)
       401768.88   3781848.78      167.01265  (12033117)                   401788.88
3781848.78      227.95876  (12033117)
       401908.88   3781848.78      190.21332  (12071919)                   401928.88
3781848.78      157.24813  (12071919)
       401948.88   3781848.78      146.03556  (12071919)                   401968.88
3781848.78      145.44885  (12071919)
       401988.88   3781848.78      149.43119  (12071919)                   402008.88
3781848.78      153.28993  (12071919)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
             L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
             L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
             L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

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      X-COORD (M)  Y-COORD (M)       CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        402028.88   3781848.78     160.44154  (12071919)              402048.88
3781848.78     166.58813  (12071919)
        402068.88   3781848.78     164.32984  (12071919)              402088.88
3781848.78     148.07292  (12071919)
        402108.88   3781848.78     133.34000  (12071919)              402128.88
3781848.78     111.28615  (12071919)
        402148.88   3781848.78      97.75782  (12071919)              402168.88
3781848.78      84.50710  (12121716)
        402188.88   3781848.78      78.41451  (12121716)              402208.88
3781848.78      74.03550  (12121716)
        402228.88   3781848.78      74.20453  (12121716)              402248.88
3781848.78      71.09090  (12121716)
        402268.88   3781848.78      64.87266  (12121716)              402288.88
3781848.78      60.00082  (12121716)
        402308.88   3781848.78      56.17548  (12043018)              402328.88
3781848.78      53.33250  (12043018)
        402348.88   3781848.78      50.78144  (12043018)              402368.88
3781848.78      48.96168  (12043018)
        402388.88   3781848.78      45.97978  (12043018)              402408.88
3781848.78      43.87989  (12043018)
        402428.88   3781848.78      42.06485  (12043018)              402448.88
3781848.78      40.05781  (12043018)
        402468.88   3781848.78      38.14479  (12043018)              402488.88
3781848.78      36.36992  (12043018)
        402508.88   3781848.78      34.63551  (12043018)              401308.88
3781868.78      36.25750  (12033117)
        401328.88   3781868.78      37.64317  (12033117)              401348.88
3781868.78      39.07012  (12033117)
        401368.88   3781868.78      40.54685  (12033117)              401388.88
3781868.78      42.07676  (12033117)
        401408.88   3781868.78      43.67148  (12033117)              401428.88
3781868.78      45.35130  (12033117)
        401448.88   3781868.78      47.04806  (12033117)              401468.88
3781868.78      48.81715  (12033117)
        401488.88   3781868.78      50.38584  (12033117)              401508.88
3781868.78      51.98975  (12033117)
        401528.88   3781868.78      53.61464  (12033117)              401548.88
3781868.78      55.26149  (12033117)
        401568.88   3781868.78      58.52344  (12033117)              401588.88
3781868.78      61.48831  (12033117)
        401608.88   3781868.78      64.37812  (12033117)              401628.88
3781868.78      67.79663  (12033117)
        401648.88   3781868.78      71.93754  (12033117)              401668.88
3781868.78      76.47803  (12033117)
        401688.88   3781868.78      82.06907  (12033117)              401708.88
3781868.78      93.30896  (12033117)
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     401728.88   3781868.78       98.70348  (12033117)                401748.88
3781868.78      112.67249  (12033117)
     401768.88   3781868.78      133.01052  (12033117)                401788.88
3781868.78      182.81147  (12033117)
     401888.88   3781868.78      186.10456  (12071919)                401908.88
3781868.78      147.23304  (12071919)
     401928.88   3781868.78      130.85015  (12071919)                401948.88
3781868.78      114.31055  (12071919)
     401968.88   3781868.78      108.24789  (12071919)                401988.88
3781868.78      108.25375  (12071919)
     402008.88   3781868.78      114.20769  (12071919)                402028.88
3781868.78      118.35583  (12071919)
     402048.88   3781868.78      123.55167  (12071919)                402068.88
3781868.78      129.22409  (12071919)
     402088.88   3781868.78      128.17362  (12071919)                402108.88
3781868.78      120.40379  (12071919)
     402128.88   3781868.78      103.73188  (12071919)                402148.88
3781868.78       94.80101  (12071919)
     402168.88   3781868.78       86.24697  (12071919)                402188.88
3781868.78       77.63521  (12071919)
     402208.88   3781868.78       69.77307  (12121716)                402228.88
3781868.78       69.38450  (12121716)
     402248.88   3781868.78       68.77055  (12121716)                402268.88
3781868.78       63.65624  (12121716)
     402288.88   3781868.78       59.20280  (12121716)                402308.88
3781868.78       55.03456  (12121716)
     402328.88   3781868.78       51.26696  (12121716)                402348.88
3781868.78       48.17619  (12121716)
     402368.88   3781868.78       46.84502  (12121716)                402388.88
3781868.78       43.97341  (12121716)
     402408.88   3781868.78       42.40408  (12043018)                402428.88
3781868.78       40.75189  (12043018)
     402448.88   3781868.78       39.06608  (12043018)                402468.88
3781868.78       37.41203  (12043018)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                      ***   05:36:20

                            PAGE 410

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
               L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
               L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,

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                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    , . . .       ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)      CONC     (YYMMDDHH)          X-COORD (M)
Y-COORD (M)        CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        402488.88   3781868.78      35.91246 (12043018)          402508.88
3781868.78      34.39579 (12043018)
        401308.88   3781888.78      35.95966 (16072305)          401328.88
3781888.78      36.93914 (16072305)
        401348.88   3781888.78      37.98923 (15090901)          401368.88
3781888.78      39.13326 (15090901)
        401388.88   3781888.78      40.19858 (15090901)          401408.88
3781888.78      40.99901 (15090901)
        401428.88   3781888.78      41.71766 (15090901)          401448.88
3781888.78      42.79691 (12033117)
        401468.88   3781888.78      44.13685 (12033117)          401488.88
3781888.78      45.27872 (12033117)
        401508.88   3781888.78      46.53392 (12033117)          401528.88
3781888.78      47.23768 (12033117)
        401548.88   3781888.78      48.21209 (12033117)          401568.88
3781888.78      49.95699 (12033117)
        401588.88   3781888.78      51.63439 (12033117)          401608.88
3781888.78      53.60672 (12033117)
        401628.88   3781888.78      55.55104 (12033117)          401648.88
3781888.78      57.73929 (12033117)
        401668.88   3781888.78      62.25840 (12033117)          401688.88
3781888.78      66.50280 (12033117)
        401708.88   3781888.78      69.97718 (12033117)          401728.88
3781888.78      74.02364 (12033117)
        401748.88   3781888.78      75.76395 (12033117)          401768.88
3781888.78      80.31540 (12101702)
        401788.88   3781888.78     100.93518 (15022217)          401808.88
3781888.78     129.26688 (15022217)
        401828.88   3781888.78     153.29064 (15022217)          401848.88
3781888.78     155.70461 (15022217)
        401868.88   3781888.78     129.43732 (15022217)          401888.88
3781888.78     124.06452 (16020617)
        401908.88   3781888.78     108.45731 (12071919)          401928.88
3781888.78     102.76813 (12071919)
        401948.88   3781888.78      92.49302 (12071919)          401968.88
3781888.78      83.92412 (12071919)
        401988.88   3781888.78      82.66531 (12071919)          402008.88
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3781888.78        87.72804  (12071919)
         402028.88    3781888.78        90.60612  (12071919)                402048.88
3781888.78        93.11207  (12071919)
         402068.88    3781888.78        99.02845  (12071919)                402088.88
3781888.78       102.70355  (12071919)
         402108.88    3781888.78       102.73507  (12071919)                402128.88
3781888.78        98.77025  (12071919)
         402148.88    3781888.78        90.55194  (12071919)                402168.88
3781888.78        82.66797  (12071919)
         402188.88    3781888.78        76.54856  (12071919)                402208.88
3781888.78        69.53166  (12071919)
         402228.88    3781888.78        64.18717  (12071919)                402248.88
3781888.78        64.28759  (12121716)
         402268.88    3781888.78        60.37813  (12121716)                402288.88
3781888.78        57.00472  (12121716)
         402308.88    3781888.78        53.89625  (12121716)                402328.88
3781888.78        50.98740  (12121716)
         402348.88    3781888.78        48.93314  (12121716)                402368.88
3781888.78        46.99180  (12121716)
         402388.88    3781888.78        44.32672  (12121716)                402408.88
3781888.78        41.64613  (12121716)
         402428.88    3781888.78        39.02336  (12121716)                402448.88
3781888.78        37.25472  (12043018)
         402468.88    3781888.78        35.90873  (12043018)                402488.88
3781888.78        34.63513  (12043018)
         402508.88    3781888.78        33.38997  (12043018)                401308.88
3781908.78        35.93855  (15090901)
         401328.88    3781908.78        36.84285  (15090901)                401348.88
3781908.78        37.70391  (15090901)
         401368.88    3781908.78        38.51942  (15090901)                401388.88
3781908.78        39.27759  (15090901)
         401408.88    3781908.78        40.10283  (13082905)                401428.88
3781908.78        41.13347  (13082905)
         401448.88    3781908.78        41.67976  (13082905)                401468.88
3781908.78        41.59783  (13051305)
         401488.88    3781908.78        40.90809  (12101501)                401508.88
3781908.78        40.56779  (13090406)
         401528.88    3781908.78        39.78835  (12033117)                401548.88
3781908.78        40.71077  (16102323)
         401568.88    3781908.78        42.47216  (16102323)                401588.88
3781908.78        42.91460  (15100404)
         401608.88    3781908.78        45.14665  (12083123)                401628.88
3781908.78        49.95247  (12083123)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at ***
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                    ***   05:36:20

                         PAGE 411
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   ,  . . .     ,


                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                               ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


     X-COORD (M)  Y-COORD (M)        CONC    (YYMMDDHH)           X-COORD (M)
Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        401648.88   3781908.78      55.89874 (12081701)           401668.88
3781908.78      58.70318 (13051301)
        401688.88   3781908.78      60.92002 (15092022)           401708.88
3781908.78      63.54858 (15092022)
        401728.88   3781908.78      66.18456 (12101702)           401748.88
3781908.78      69.33970 (12101702)
        401768.88   3781908.78      74.48817 (15103001)           401788.88
3781908.78      89.03386 (15022217)
        401808.88   3781908.78     105.76775 (15022217)           401828.88
3781908.78     116.72768 (15022217)
        401848.88   3781908.78     108.57522 (15022217)           401868.88
3781908.78      93.95018 (16020617)
        401888.88   3781908.78      93.32509 (16020617)           401908.88
3781908.78      84.53743 (16020617)
        401928.88   3781908.78      75.12846 (12071919)           401948.88
3781908.78      72.31927 (12071919)
        401968.88   3781908.78      68.91562 (12071919)           401988.88
3781908.78      67.61627 (12071919)
        402008.88   3781908.78      67.71431 (12071919)           402028.88
3781908.78      69.96515 (12071919)
        402048.88   3781908.78      72.89783 (12071919)           402068.88
3781908.78      77.59039 (12071919)
        402088.88   3781908.78      81.86565 (12071919)           402108.88
3781908.78      84.92562 (12071919)
        402128.88   3781908.78      85.02316 (12071919)           402148.88
3781908.78      83.52175 (12071919)
        402168.88   3781908.78      77.26976 (12071919)           402188.88
3781908.78      74.00344 (12071919)
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     402208.88   3781908.78       67.94745  (12071919)          402228.88
3781908.78       63.37609  (12071919)
     402248.88   3781908.78       59.92009  (12071919)          402268.88
3781908.78       55.98489  (12121716)
     402288.88   3781908.78       53.15769  (12121716)          402308.88
3781908.78       51.16501  (12121716)
     402328.88   3781908.78       49.11411  (12121716)          402348.88
3781908.78       47.40182  (12121716)
     402368.88   3781908.78       45.36712  (12121716)          402388.88
3781908.78       43.66449  (12121716)
     402408.88   3781908.78       41.56420  (12121716)          402428.88
3781908.78       39.37550  (12121716)
     402448.88   3781908.78       37.23513  (12121716)          402468.88
3781908.78       35.10570  (12121716)
     402488.88   3781908.78       33.05983  (12121716)          402508.88
3781908.78       31.78131  (12043018)
     401308.88   3781928.78       36.21308  (15090901)          401328.88
3781928.78       36.84370  (15090901)
     401348.88   3781928.78       37.45647  (15090901)          401368.88
3781928.78       38.30796  (13082905)
     401388.88   3781928.78       39.31497  (13082905)          401408.88
3781928.78       40.31069  (13082905)
     401428.88   3781928.78       41.02098  (13051305)          401448.88
3781928.78       41.85771  (13051305)
     401468.88   3781928.78       41.65906  (12101501)          401488.88
3781928.78       41.65162  (12101501)
     401508.88   3781928.78       39.85596  (13090406)          401528.88
3781928.78       41.06108  (16102323)
     401548.88   3781928.78       39.94845  (16102323)          401568.88
3781928.78       41.98681  (12083123)
     401588.88   3781928.78       45.34272  (12083123)          401608.88
3781928.78       50.58292  (12081701)
     401628.88   3781928.78       53.11536  (12081701)          401648.88
3781928.78       54.16765  (13051301)
     401668.88   3781928.78       56.19188  (15092022)          401688.88
3781928.78       57.79561  (15092022)
     401708.88   3781928.78       60.25859  (12101702)          401728.88
3781928.78       63.47761  (12101702)
     401748.88   3781928.78       66.75184  (15103001)          401768.88
3781928.78       70.94140  (13051302)
     401788.88   3781928.78       76.53827  (15022217)          401808.88
3781928.78       87.95319  (15022217)
     401828.88   3781928.78       92.71049  (15022217)          401848.88
3781928.78       84.04444  (15022217)
     401868.88   3781928.78       72.16874  (16123116)          401888.88
3781928.78       70.50678  (16020617)
     401908.88   3781928.78       68.19279  (16020617)          401928.88
3781928.78       63.82113  (16020617)
     401948.88   3781928.78       59.32083  (16072224)          401968.88
3781928.78       58.77845  (12093020)
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       401988.88   3781928.78       57.84291  (12100219)                402008.88
3781928.78       56.73702  (16092519)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 412
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
        402028.88   3781928.78   56.64419 (12071820)   402048.88
3781928.78   58.51918 (12071919)
        402068.88   3781928.78   62.45280 (12071919)   402088.88
3781928.78   66.05045 (12071919)
        402108.88   3781928.78   69.64214 (12071919)   402128.88
3781928.78   71.78465 (12071919)
        402148.88   3781928.78   72.85993 (12071919)   402168.88
3781928.78   71.26585 (12071919)
        402188.88   3781928.78   68.44430 (12071919)   402208.88
3781928.78   63.84278 (12071919)
        402228.88   3781928.78   62.29020 (12071919)   402248.88
3781928.78   58.64448 (12071919)
        402268.88   3781928.78   52.91536 (12071919)   402288.88
3781928.78   48.32239 (12121716)
        402308.88   3781928.78   47.20521 (12121716)   402328.88
3781928.78   45.57273 (12121716)
        402348.88   3781928.78   43.98444 (12121716)   402368.88
3781928.78   42.25617 (12121716)
        402388.88   3781928.78   41.73738 (12121716)   402408.88
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3781928.78        40.57784  (12121716)
       402428.88   3781928.78        38.80958  (12121716)              402448.88
3781928.78        37.04372  (12121716)
       402468.88   3781928.78        35.24792  (12121716)              402488.88
3781928.78        33.47004  (12121716)
       402508.88   3781928.78        31.71553  (12121716)              401308.88
3781948.78        35.45811  (13082905)
       401328.88   3781948.78        36.30435  (13082905)              401348.88
3781948.78        37.10826  (13082905)
       401368.88   3781948.78        37.81636  (13082905)              401388.88
3781948.78        38.63209  (13051305)
       401408.88   3781948.78        39.41834  (13051305)              401428.88
3781948.78        40.09544  (12101501)
       401448.88   3781948.78        41.54789  (12101501)              401468.88
3781948.78        42.58913  (12101501)
       401488.88   3781948.78        42.87780  (12101501)              401508.88
3781948.78        40.66900  (12071903)
       401528.88   3781948.78        39.32917  (16102323)              401548.88
3781948.78        43.62895  (12081701)
       401568.88   3781948.78        48.26481  (12081701)              401588.88
3781948.78        48.97209  (12081701)
       401608.88   3781948.78        50.08211  (13051301)              401628.88
3781948.78        50.54959  (15092022)
       401648.88   3781948.78        52.17592  (15092022)              401668.88
3781948.78        54.08929  (15092022)
       401688.88   3781948.78        56.24758  (15092022)              401708.88
3781948.78        58.49927  (13051302)
       401728.88   3781948.78        60.72143  (13051302)              401748.88
3781948.78        65.00429  (13051302)
       401768.88   3781948.78        67.07648  (16102304)              401788.88
3781948.78        68.91285  (16092502)
       401808.88   3781948.78        75.31976  (15022217)              401828.88
3781948.78        76.33204  (15022217)
       401848.88   3781948.78        68.77219  (15022217)              401868.88
3781948.78        62.63506  (12101623)
       401888.88   3781948.78        61.25342  (13111317)              401908.88
3781948.78        59.39357  (14091721)
       401928.88   3781948.78        57.48655  (16072224)              401948.88
3781948.78        56.34696  (16072224)
       401968.88   3781948.78        55.66683  (12093020)              401988.88
3781948.78        54.84431  (12093020)
       402008.88   3781948.78        54.49791  (12100219)              402028.88
3781948.78        53.85070  (16092519)
       402048.88   3781948.78        53.40956  (16072221)              402068.88
3781948.78        52.89561  (15091120)
       402088.88   3781948.78        53.85166  (12071919)              402108.88
3781948.78        57.27367  (12071919)
       402128.88   3781948.78        59.76409  (12071919)              402148.88
3781948.78        61.51548  (12071919)
       402168.88   3781948.78        63.44279  (12071919)              402188.88
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       3781948.78      62.05485  (12071919)
         402208.88    3781948.78      60.58498  (12071919)          402228.88
3781948.78      58.92238  (12071919)
         402248.88    3781948.78      56.29959  (12071919)          402268.88
3781948.78      52.84884  (12071919)
         402288.88    3781948.78      48.39613  (12071919)          402308.88
3781948.78      44.22896  (12071919)
         402328.88    3781948.78      41.45470  (12121716)          402348.88
3781948.78      40.56863  (12121716)
         402368.88    3781948.78      39.24185  (12121716)          402388.88
3781948.78      38.88605  (12121716)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                         PAGE 413
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
             L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
             L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
             L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                            ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
         402408.88   3781948.78   38.73396 (12121716)   402428.88
3781948.78   37.45098 (12121716)
         402448.88   3781948.78   36.09641 (12121716)   402468.88
3781948.78   34.67510 (12121716)
         402488.88   3781948.78   33.19267 (12121716)   402508.88
3781948.78   31.72432 (12121716)
         401308.88   3781968.78   38.61602 (14090905)   401328.88
3781968.78   39.38810 (15070205)
         401348.88   3781968.78   40.33209 (13090623)   401368.88
3781968.78   41.47786 (13090623)
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     401388.88    3781968.78        42.47987  (13090623)                401408.88
3781968.78       43.32526  (13090623)
     401428.88    3781968.78        43.94434  (13090623)                401448.88
3781968.78       43.13109  (13090706)
     401468.88    3781968.78        43.23872  (13090706)                401488.88
3781968.78       44.10999  (15090806)
     401508.88    3781968.78        41.40566  (15100906)                401528.88
3781968.78       43.53869  (12081701)
     401548.88    3781968.78        46.79605  (12081701)                401568.88
3781968.78       47.44591  (12081701)
     401588.88    3781968.78        48.12424  (13051301)                401608.88
3781968.78       48.32012  (15092022)
     401628.88    3781968.78        49.96047  (15092022)                401648.88
3781968.78       52.22039  (15092022)
     401668.88    3781968.78        52.44725  (15092022)                401688.88
3781968.78       54.29609  (13051302)
     401708.88    3781968.78        57.65737  (13051302)                401728.88
3781968.78       61.20024  (13051302)
     401748.88    3781968.78        62.02403  (12101403)                401768.88
3781968.78       63.82838  (16092502)
     401788.88    3781968.78        64.02151  (12112420)                401808.88
3781968.78       63.85962  (15022217)
     401828.88    3781968.78        64.54844  (15022217)                401848.88
3781968.78       58.71015  (12101804)
     401868.88    3781968.78        58.36790  (12101623)                401888.88
3781968.78       57.15948  (13111317)
     401908.88    3781968.78        55.33437  (14091721)                401928.88
3781968.78       54.95953  (16072224)
     401948.88    3781968.78        53.50260  (13092320)                401968.88
3781968.78       52.85953  (12093020)
     401988.88    3781968.78        52.17785  (12093020)                402008.88
3781968.78       51.79232  (12100219)
     402028.88    3781968.78        51.51273  (12100219)                402048.88
3781968.78       51.07872  (16072221)
     402068.88    3781968.78        51.04232  (16072221)                402088.88
3781968.78       50.08581  (15092101)
     402108.88    3781968.78        48.83561  (12101619)                402128.88
3781968.78       49.36174  (12071919)
     402148.88    3781968.78        51.87462  (12071919)                402168.88
3781968.78       55.28155  (12071919)
     402188.88    3781968.78        55.46236  (12071919)                402208.88
3781968.78       55.54978  (12071919)
     402228.88    3781968.78        54.57148  (12071919)                402248.88
3781968.78       53.03787  (12071919)
     402268.88    3781968.78        51.00983  (12071919)                402288.88
3781968.78       48.53990  (12071919)
     402308.88    3781968.78        44.86121  (12071919)                402328.88
3781968.78       40.72514  (12071919)
     402348.88    3781968.78        39.14005  (12082821)                402368.88
3781968.78       38.31480  (12082821)
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      402388.88   3781968.78       37.41165  (13082821)                 402408.88
3781968.78       36.13250  (12121716)
      402428.88   3781968.78       35.32661  (12121716)                 402448.88
3781968.78       34.40627  (12121716)
      402468.88   3781968.78       33.39628  (12121716)                 402488.88
3781968.78       32.35268  (12121716)
      402508.88   3781968.78       31.19184  (12121716)                 401308.88
3781988.78       38.52016  (13090623)
      401328.88   3781988.78       39.50884  (13090623)                 401348.88
3781988.78       40.35583  (13090623)
      401368.88   3781988.78       41.02614  (13090623)                 401388.88
3781988.78       41.53271  (13090623)
      401408.88   3781988.78       42.16663  (13090706)                 401428.88
3781988.78       43.22639  (13090706)
      401448.88   3781988.78       43.58649  (13090706)                 401468.88
3781988.78       44.80335  (15090806)
      401488.88   3781988.78       44.90955  (13090603)                 401508.88
3781988.78       41.73743  (12081701)
      401528.88   3781988.78       45.15115  (12081701)                 401548.88
3781988.78       45.58288  (12081701)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                          ***   05:36:20

                              PAGE 414
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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      401568.88   3781988.78   46.41237 (13051301)   401588.88
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3781988.78         49.66260  (15092022)
       401648.88    3781988.78       50.05114  (15092022)                  401668.88
3781988.78         52.84194  (12090103)
       401688.88    3781988.78       55.91303  (13051302)                  401708.88
3781988.78         58.91494  (12092323)
       401728.88    3781988.78       59.98064  (15101402)                  401748.88
3781988.78         59.11064  (16092502)
       401768.88    3781988.78       60.83645  (15102324)                  401788.88
3781988.78         60.88095  (16081403)
       401808.88    3781988.78       58.98277  (14091902)                  401828.88
3781988.78         56.55289  (14091903)
       401848.88    3781988.78       55.85686  (12101804)                  401868.88
3781988.78         54.76989  (15120901)
       401888.88    3781988.78       53.73754  (13082624)                  401908.88
3781988.78         53.30874  (16072224)
       401928.88    3781988.78       52.53149  (16072224)                  401948.88
3781988.78         51.16305  (13092320)
       401968.88    3781988.78       50.48512  (12093020)                  401988.88
3781988.78         49.93931  (12093020)
       402008.88    3781988.78       49.36136  (12100219)                  402028.88
3781988.78         49.28533  (12100219)
       402048.88    3781988.78       48.84383  (16092519)                  402068.88
3781988.78         48.83748  (16072221)
       402088.88    3781988.78       48.53289  (16072221)                  402108.88
3781988.78         47.72936  (15090824)
       402128.88    3781988.78       46.46505  (12100119)                  402148.88
3781988.78         45.45182  (12092119)
       402168.88    3781988.78       47.51085  (12071919)                  402188.88
3781988.78         48.80057  (12071919)
       402208.88    3781988.78       49.46032  (12071919)                  402228.88
3781988.78         49.48925  (12071919)
       402248.88    3781988.78       48.85729  (12071919)                  402268.88
3781988.78         47.58291  (12071919)
       402288.88    3781988.78       45.73719  (12071919)                  402308.88
3781988.78         42.91926  (12071919)
       402328.88    3781988.78       39.31149  (12082820)                  402348.88
3781988.78         38.34849  (12080920)
       402368.88    3781988.78       37.45500  (12080920)                  402388.88
3781988.78         36.84214  (12082821)
       402408.88    3781988.78       33.66484  (12081020)                  402428.88
3781988.78         32.79482  (12081020)
       402448.88    3781988.78       32.47605  (12082821)                  402468.88
3781988.78         31.82959  (13082821)
       402488.88    3781988.78       31.40158  (13082821)                  402508.88
3781988.78         30.76979  (12080821)
       401308.88    3782008.78       38.50084  (13090623)                  401328.88
3782008.78         39.11872  (13090623)
       401348.88    3782008.78       39.54282  (13090623)                  401368.88
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3782008.78      40.20009  (16100902)
        401388.88   3782008.78      41.33594  (13090706)              401408.88
3782008.78      42.30417  (13090706)
        401428.88   3782008.78      42.81679  (15090806)              401448.88
3782008.78      43.60013  (15090806)
        401468.88   3782008.78      44.84334  (13090603)              401488.88
3782008.78      44.04616  (13090603)
        401508.88   3782008.78      42.58494  (12081701)              401528.88
3782008.78      43.85327  (13051301)
        401548.88   3782008.78      44.93257  (13051301)              401568.88
3782008.78      45.57901  (15092022)
        401588.88   3782008.78      47.13983  (15092022)              401608.88
3782008.78      48.06619  (15092022)
        401628.88   3782008.78      49.47040  (15092022)              401648.88
3782008.78      52.92794  (16062005)
        401668.88   3782008.78      55.74579  (16062005)              401688.88
3782008.78      56.75430  (12092323)
        401708.88   3782008.78      57.59324  (15101402)              401728.88
3782008.78      57.30209  (12101424)
        401748.88   3782008.78      57.58444  (15102324)              401768.88
3782008.78      58.33023  (16081403)
        401788.88   3782008.78      57.99352  (15091906)              401808.88
3782008.78      55.15374  (14100506)
        401828.88   3782008.78      53.60715  (12101804)              401848.88
3782008.78      53.06756  (12101623)
        401868.88   3782008.78      53.31200  (14091422)              401888.88
3782008.78      52.51555  (13082624)
        401908.88   3782008.78      51.32352  (16072224)              401928.88
3782008.78      50.40031  (16072224)
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♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                         ***   05:36:20

                             PAGE 415

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

       X-COORD (M)  Y-COORD (M)       CONC     (YYMMDDHH)            X-COORD (M)
 Y-COORD (M)       CONC      (YYMMDDHH)
  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - -
         401948.88   3782008.78      49.14826  (13092320)            401968.88
 3782008.78      48.37740  (12093020)
         401988.88   3782008.78      47.97584  (12093020)            402008.88
 3782008.78      47.43235  (12093020)
         402028.88   3782008.78      47.24824  (12100219)            402048.88
 3782008.78      46.93794  (12100219)
         402068.88   3782008.78      46.61643  (16072221)            402088.88
 3782008.78      46.57974  (16072221)
         402108.88   3782008.78      45.95909  (15092101)            402128.88
 3782008.78      45.41790  (15090824)
         402148.88   3782008.78      42.81467  (12101619)            402168.88
 3782008.78      40.35191  (12071919)
         402188.88   3782008.78      42.16871  (12071919)            402208.88
 3782008.78      43.33082  (12071919)
         402228.88   3782008.78      44.06526  (12071919)            402248.88
 3782008.78      44.19325  (12071919)
         402268.88   3782008.78      43.15788  (12071919)            402288.88
 3782008.78      42.02450  (12071919)
         402308.88   3782008.78      39.35547  (12071919)            402328.88
 3782008.78      38.32394  (12110518)
         402348.88   3782008.78      37.61876  (12082820)            402368.88
 3782008.78      36.68105  (12082820)
         402388.88   3782008.78      36.11697  (12080920)            402408.88
 3782008.78      35.14244  (12080920)
         402428.88   3782008.78      34.71790  (12082821)            402448.88
 3782008.78      34.09161  (12082821)
         402468.88   3782008.78      32.56544  (12082821)            402488.88
 3782008.78      32.69368  (13082821)
         402508.88   3782008.78      32.02184  (13082821)            401308.88
 3782028.78      37.66138  (13090623)
         401328.88   3782028.78      38.25125  (16100902)            401348.88
 3782028.78      39.27156  (13090706)
         401368.88   3782028.78      40.33878  (13090706)            401388.88
 3782028.78      41.17281  (13090706)
         401408.88   3782028.78      41.87567  (15090806)            401428.88
 3782028.78      42.48293  (13090603)
         401448.88   3782028.78      43.57854  (13090603)            401468.88
 3782028.78      44.07096  (12100202)
         401488.88   3782028.78      43.46845  (15092105)            401508.88
 3782028.78      42.08555  (13051301)
         401528.88   3782028.78      43.52683  (13090605)            401548.88
 3782028.78      43.89424  (15031723)
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      401568.88    3782028.78       45.07604  (15092022)                  401588.88
3782028.78       46.97963  (13090403)
      401608.88    3782028.78       50.05429  (13090403)                  401628.88
3782028.78       52.35380  (16062005)
      401648.88    3782028.78       53.61477  (16062005)                  401668.88
3782028.78       54.00324  (12092323)
      401688.88    3782028.78       54.64941  (14100501)                  401708.88
3782028.78       55.02955  (13082602)
      401728.88    3782028.78       55.48680  (12101424)                  401748.88
3782028.78       55.76836  (15102324)
      401768.88    3782028.78       56.75949  (16081403)                  401788.88
3782028.78       55.90706  (15091906)
      401808.88    3782028.78       54.18200  (14091502)                  401828.88
3782028.78       52.23367  (14091503)
      401848.88    3782028.78       51.68539  (14091422)                  401868.88
3782028.78       51.36510  (14091422)
      401888.88    3782028.78       50.51892  (13082624)                  401908.88
3782028.78       49.14900  (12101803)
      401928.88    3782028.78       48.73576  (16072224)                  401948.88
3782028.78       47.72060  (13092320)
      401968.88    3782028.78       47.05555  (12093020)                  401988.88
3782028.78       46.70005  (12093020)
      402008.88    3782028.78       46.05920  (12093020)                  402028.88
3782028.78       45.51292  (12100219)
      402048.88    3782028.78       45.25763  (12100219)                  402068.88
3782028.78       44.82277  (16092519)
      402088.88    3782028.78       44.94673  (16072221)                  402108.88
3782028.78       44.75900  (16072221)
      402128.88    3782028.78       43.97478  (15092101)                  402148.88
3782028.78       41.31711  (12101619)
      402168.88    3782028.78       39.20226  (12101619)                  402188.88
3782028.78       38.35614  (12093019)
      402208.88    3782028.78       39.32604  (12092119)                  402228.88
3782028.78       38.58579  (12071919)
      402248.88    3782028.78       39.08232  (12071919)                  402268.88
3782028.78       39.21520  (12071919)
      402288.88    3782028.78       38.89949  (12081723)                  402308.88
3782028.78       38.33118  (14091424)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                         PAGE 416
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                         INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,

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                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012   , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020   , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028   , . . .       ,


                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
               **


     X-COORD (M)   Y-COORD (M)         CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
       402328.88   3782028.78       38.12937 (15091021)            402348.88
3782028.78       36.70424 (15091021)
       402368.88   3782028.78       35.90035 (12082820)            402388.88
3782028.78       35.59420 (12082820)
       402408.88   3782028.78       34.89247 (12082820)            402428.88
3782028.78       34.28439 (12080920)
       402448.88   3782028.78       33.58157 (12081621)            402468.88
3782028.78       32.95697 (12082821)
       402488.88   3782028.78       32.35408 (12082821)            402508.88
3782028.78       31.84460 (13082821)
       401308.88   3782048.78       37.43472 (13090706)            401328.88
3782048.78       38.35291 (13090706)
       401348.88   3782048.78       39.07435 (13090706)            401368.88
3782048.78       39.70278 (15090806)
       401388.88   3782048.78       40.29155 (15090806)            401408.88
3782048.78       41.22540 (13090603)
       401428.88   3782048.78       41.88326 (13090603)            401448.88
3782048.78       42.64892 (12100202)
       401468.88   3782048.78       43.36885 (15092105)            401488.88
3782048.78       43.12070 (15092105)
       401508.88   3782048.78       40.58409 (15062805)            401528.88
3782048.78       43.05592 (16092906)
       401548.88   3782048.78       44.49658 (13090506)            401568.88
3782048.78       45.93857 (13090506)
       401588.88   3782048.78       47.41205 (13090403)            401608.88
3782048.78       50.10074 (16062005)
       401628.88   3782048.78       50.98417 (16062005)            401648.88
3782048.78       51.44281 (12092323)
       401668.88   3782048.78       51.98342 (14100501)            401688.88
3782048.78       52.74902 (15101402)
       401708.88   3782048.78       53.77323 (12101424)            401728.88
3782048.78       53.72290 (15102324)
       401748.88   3782048.78       54.51331 (16081403)            401768.88
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3782048.78       54.01974  (15091906)
       401788.88    3782048.78       53.25091  (14100506)              401808.88
3782048.78       51.96148  (14091502)
       401828.88    3782048.78       50.88817  (14091503)              401848.88
3782048.78       50.87688  (14091422)
       401868.88    3782048.78       50.07971  (13090402)              401888.88
3782048.78       49.46934  (13082624)
       401908.88    3782048.78       47.85920  (12101803)              401928.88
3782048.78       47.26626  (16072224)
       401948.88    3782048.78       46.51137  (13092320)              401968.88
3782048.78       45.79602  (16062102)
       401988.88    3782048.78       45.52966  (12093020)              402008.88
3782048.78       44.91673  (12093020)
       402028.88    3782048.78       43.99636  (12093020)              402048.88
3782048.78       43.81376  (12100219)
       402068.88    3782048.78       43.24822  (12100219)              402088.88
3782048.78       43.02348  (12080622)
       402108.88    3782048.78       43.18853  (16072221)              402128.88
3782048.78       42.73638  (15092101)
       402148.88    3782048.78       40.27752  (15091120)              402168.88
3782048.78       37.71323  (12101619)
       402188.88    3782048.78       39.44762  (12093019)              402208.88
3782048.78       40.50791  (13090524)
       402228.88    3782048.78       38.34398  (13090524)              402248.88
3782048.78       37.34349  (13090524)
       402268.88    3782048.78       38.27001  (12080922)              402288.88
3782048.78       37.86952  (13082901)
       402308.88    3782048.78       38.45961  (12081723)              402328.88
3782048.78       37.69536  (14091424)
       402348.88    3782048.78       36.71784  (14091424)              402368.88
3782048.78       35.94796  (15091021)
       402388.88    3782048.78       34.61734  (12110518)              402408.88
3782048.78       34.16300  (12082820)
       402428.88    3782048.78       33.64183  (12082820)              402448.88
3782048.78       32.81928  (12080920)
       402468.88    3782048.78       32.40215  (12080920)              402488.88
3782048.78       31.80325  (12082821)
       402508.88    3782048.78       31.18683  (12082821)              401308.88
3782068.78       37.18757  (13090706)
       401328.88    3782068.78       37.70233  (15090806)              401348.88
3782068.78       38.27203  (15090806)
       401368.88    3782068.78       39.01463  (13090603)              401388.88
3782068.78       39.75844  (13090603)
       401408.88    3782068.78       40.29845  (12100202)              401428.88
3782068.78       41.06419  (12100202)
       401448.88    3782068.78       41.89535  (15092105)              401468.88
3782068.78       42.65571  (15092105)
```
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                              ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
 -
        401488.88 3782068.78   42.69621 (13090605)   401508.88
3782068.78   43.62356 (13062904)
        401528.88 3782068.78   44.68957 (13090506)   401548.88
3782068.78   44.50330 (15092402)
        401568.88 3782068.78   46.34868 (13090403)   401588.88
3782068.78   47.42243 (16062005)
        401608.88 3782068.78   48.57260 (16062005)   401628.88
3782068.78   49.02603 (12092323)
        401648.88 3782068.78   49.51930 (14100501)   401668.88
3782068.78   50.49074 (15101402)
        401688.88 3782068.78   51.03282 (12101424)   401708.88
3782068.78   51.50277 (15102324)
        401728.88 3782068.78   52.11753 (15072705)   401748.88
3782068.78   52.34018 (16081403)
        401768.88 3782068.78   51.59838 (15091906)   401788.88
3782068.78   50.99382 (14091502)
        401808.88 3782068.78   50.79947 (12100206)   401828.88
3782068.78   49.58909 (14091503)
        401848.88 3782068.78   51.59319 (14091422)   401868.88
3782068.78   50.29972 (13090402)
        401888.88 3782068.78   49.15179 (13082624)   401908.88
3782068.78   48.41990 (16072224)
        401928.88 3782068.78   48.14876 (16072224)   401948.88
3782068.78   47.04407 (13092320)

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      401968.88   3782068.78        45.69854  (16062102)              401988.88
3782068.78       44.58835  (12093020)
      402008.88   3782068.78        43.53049  (12093020)              402028.88
3782068.78       42.61809  (12093020)
      402048.88   3782068.78        42.12304  (12100219)              402068.88
3782068.78       41.84775  (12100219)
      402088.88   3782068.78        41.38781  (16092519)              402108.88
3782068.78       41.59800  (16072221)
      402128.88   3782068.78        41.52642  (16072221)              402148.88
3782068.78       39.26194  (15091120)
      402168.88   3782068.78        37.72179  (15091120)              402188.88
3782068.78       40.23212  (12100119)
      402208.88   3782068.78        39.80039  (12100119)              402228.88
3782068.78       38.83725  (13090524)
      402248.88   3782068.78        38.40055  (13090524)              402268.88
3782068.78       37.80402  (12080922)
      402288.88   3782068.78        36.69189  (15080505)              402308.88
3782068.78       37.80317  (13082901)
      402328.88   3782068.78        38.70847  (12081723)              402348.88
3782068.78       38.26364  (12091820)
      402368.88   3782068.78        37.53134  (14091424)              402388.88
3782068.78       35.87830  (15091021)
      402408.88   3782068.78        33.48297  (12110518)              402428.88
3782068.78       32.60014  (12082820)
      402448.88   3782068.78        32.09037  (12082820)              402468.88
3782068.78       32.01814  (12082820)
      402488.88   3782068.78        31.51631  (12080920)              402508.88
3782068.78       30.42850  (12081621)
      401308.88   3782088.78        36.47163  (15090806)              401328.88
3782088.78       37.03125  (13090603)
      401348.88   3782088.78        37.76781  (13090603)              401368.88
3782088.78       38.22939  (13090603)
      401388.88   3782088.78        38.90636  (12100202)              401408.88
3782088.78       39.43998  (12100202)
      401428.88   3782088.78        40.37721  (15092105)              401448.88
3782088.78       40.97737  (15092105)
      401468.88   3782088.78        41.80350  (13090605)              401488.88
3782088.78       42.09199  (16092906)
      401508.88   3782088.78        43.01388  (13090506)              401528.88
3782088.78       43.52180  (15092402)
      401548.88   3782088.78        44.37579  (13090403)              401568.88
3782088.78       45.60748  (16062005)
      401588.88   3782088.78        46.30095  (16062005)              401608.88
3782088.78       46.97302  (12092323)
      401628.88   3782088.78        47.38544  (12092824)              401648.88
3782088.78       48.22367  (15101402)
      401668.88   3782088.78        48.76297  (12101424)              401688.88
3782088.78       49.40963  (12101424)
      401708.88   3782088.78        50.52000  (15102324)              401728.88
3782088.78       52.06120  (16081403)
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        401748.88    3782088.78         50.16362  (15091906)                    401768.88
3782088.78        48.86301  (14100506)
        401788.88    3782088.78         48.94545  (14091502)                    401808.88
3782088.78        50.69806  (14091503)
        401828.88    3782088.78         50.03973  (14091422)                    401848.88
3782088.78        51.46097  (14091422)
```

↟ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                            PAGE 418
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401868.88   3782088.78   51.31991 (13082624)   401888.88
3782088.78   49.36151 (13082624)
        401908.88   3782088.78   49.87485 (16072224)   401928.88
3782088.78   49.19862 (16072224)
        401948.88   3782088.78   47.52358 (13092320)   401968.88
3782088.78   44.94698 (14072805)
        401988.88   3782088.78   42.87584 (12093020)   402008.88
3782088.78   42.58837 (12093020)
        402028.88   3782088.78   42.14747 (12093020)   402048.88
3782088.78   40.85591 (12100219)
        402068.88   3782088.78   40.67611 (12100219)   402088.88
3782088.78   40.03356 (16092519)
        402108.88   3782088.78   39.96909 (12080622)   402128.88
3782088.78   40.02759 (16072221)
        402148.88   3782088.78   39.77955 (16072221)   402168.88

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3782088.78        37.45066  (15091120)
      402188.88   3782088.78        38.48381  (15090824)                402208.88
3782088.78        39.44859  (12100119)
      402228.88   3782088.78        39.77877  (12100119)                402248.88
3782088.78        37.50041  (13090524)
      402268.88   3782088.78        36.70779  (13090524)                402288.88
3782088.78        36.23541  (12080922)
      402308.88   3782088.78        36.85182  (15080505)                402328.88
3782088.78        38.87366  (13082901)
      402348.88   3782088.78        39.41852  (12081723)                402368.88
3782088.78        38.27297  (12091820)
      402388.88   3782088.78        36.92674  (14091424)                402408.88
3782088.78        34.57338  (15091021)
      402428.88   3782088.78        32.11732  (15091021)                402448.88
3782088.78        31.41138  (12110518)
      402468.88   3782088.78        31.58369  (12082820)                402488.88
3782088.78        30.66808  (12082820)
      402508.88   3782088.78        30.01775  (12080920)                401308.88
3782108.78        35.97236  (13090603)
      401328.88   3782108.78        36.48016  (13090603)                401348.88
3782108.78        36.96486  (12100202)
      401368.88   3782108.78        37.53826  (12100202)                401388.88
3782108.78        38.16976  (15092105)
      401408.88   3782108.78        38.91287  (15092105)                401428.88
3782108.78        39.63188  (13090605)
      401448.88   3782108.78        40.54176  (13090605)                401468.88
3782108.78        40.85636  (16092906)
      401488.88   3782108.78        41.62045  (13090506)                401508.88
3782108.78        42.16628  (15092402)
      401528.88   3782108.78        43.11222  (13090403)                401548.88
3782108.78        44.01025  (16062005)
      401568.88   3782108.78        44.97584  (16062005)                401588.88
3782108.78        45.58313  (12092323)
      401608.88   3782108.78        45.97708  (15080404)                401628.88
3782108.78        46.98689  (15101402)
      401648.88   3782108.78        47.74905  (13082602)                401668.88
3782108.78        48.59394  (12101424)
      401688.88   3782108.78        50.17584  (15102324)                401708.88
3782108.78        51.67210  (15072705)
      401728.88   3782108.78        52.77626  (16081403)                401748.88
3782108.78        50.47197  (15091906)
      401768.88   3782108.78        48.68506  (15080504)                401788.88
3782108.78        47.37032  (14091502)
      401808.88   3782108.78        50.71359  (14091503)                401828.88
3782108.78        51.98936  (14091422)
      401848.88   3782108.78        51.49014  (14091422)                401868.88
3782108.78        51.61181  (13082624)
      401888.88   3782108.78        49.50533  (12090223)                401908.88
3782108.78        49.68864  (16072224)
      401928.88   3782108.78        48.78838  (16072224)                401948.88
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3782108.78       46.59810  (13092320)
       401968.88   3782108.78       43.70790  (13092320)                 401988.88
3782108.78       41.72586  (16062102)
       402008.88   3782108.78       42.95809  (12093020)                 402028.88
3782108.78       41.87733  (12093020)
       402048.88   3782108.78       39.84699  (12090501)                 402068.88
3782108.78       39.57225  (12100219)
       402088.88   3782108.78       39.23455  (12100219)                 402108.88
3782108.78       38.69600  (15043024)
       402128.88   3782108.78       38.58533  (16072221)                 402148.88
3782108.78       38.53534  (16072221)
       402168.88   3782108.78       38.26170  (15092101)                 402188.88
3782108.78       35.71501  (12082121)
       402208.88   3782108.78       37.28234  (15090824)                 402228.88
3782108.78       40.13115  (12100119)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 419
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       402248.88   3782108.78   39.07763 (13062822)   402268.88
3782108.78   38.16348 (13090524)
       402288.88   3782108.78   37.40826 (13090524)   402308.88
3782108.78   37.70918 (12080922)
       402328.88   3782108.78   37.63984 (15080505)   402348.88
3782108.78   38.83585 (13082901)
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      402368.88    3782108.78        38.55089   (12081723)              402388.88
3782108.78        37.05914   (12091820)
      402408.88    3782108.78        35.24064   (14091424)              402428.88
3782108.78        32.60508   (14091424)
      402448.88    3782108.78        31.16783   (15091021)              402468.88
3782108.78        30.42321   (12110518)
      402488.88    3782108.78        30.42841   (12082820)              402508.88
3782108.78        30.74085   (12082820)
      401308.88    3782128.78        35.13940   (13090603)              401328.88
3782128.78        35.80646   (12100202)
      401348.88    3782128.78        36.18550   (12100202)              401368.88
3782128.78        36.93411   (15092105)
      401388.88    3782128.78        37.46081   (15092105)              401408.88
3782128.78        38.27074   (13090605)
      401428.88    3782128.78        38.90487   (13062904)              401448.88
3782128.78        40.13256   (16092906)
      401468.88    3782128.78        40.59158   (13090506)              401488.88
3782128.78        40.98596   (15092402)
      401508.88    3782128.78        42.48395   (13090403)              401528.88
3782128.78        42.80834   (16062005)
      401548.88    3782128.78        44.63268   (13082701)              401568.88
3782128.78        46.08921   (12092323)
      401588.88    3782128.78        46.37701   (12092323)              401608.88
3782128.78        47.42923   (14100501)
      401628.88    3782128.78        47.89067   (13082602)              401648.88
3782128.78        47.94799   (12101424)
      401668.88    3782128.78        49.12795   (15102324)              401688.88
3782128.78        51.06336   (15102324)
      401708.88    3782128.78        52.15029   (16081403)              401728.88
3782128.78        52.88352   (15091906)
      401748.88    3782128.78        50.41240   (14100506)              401768.88
3782128.78        48.23466   (14091502)
      401788.88    3782128.78        46.00660   (14091502)              401808.88
3782128.78        49.38085   (14091503)
      401828.88    3782128.78        51.70618   (14091422)              401848.88
3782128.78        50.94708   (13090402)
      401868.88    3782128.78        50.74624   (13082624)              401888.88
3782128.78        49.25665   (12090223)
      401908.88    3782128.78        48.68443   (16072224)              401928.88
3782128.78        47.40986   (16072224)
      401948.88    3782128.78        45.14949   (13092320)              401968.88
3782128.78        42.13053   (13092320)
      401988.88    3782128.78        41.53214   (16062102)              402008.88
3782128.78        42.66574   (12093020)
      402028.88    3782128.78        41.59878   (12093020)              402048.88
3782128.78        39.56752   (12093020)
      402068.88    3782128.78        38.45851   (12100219)              402088.88
3782128.78        38.53137   (12100219)
      402108.88    3782128.78        37.86017   (15043024)              402128.88
3782128.78        37.47564   (12080622)
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      402148.88   3782128.78        37.40791 (16072221)                402168.88
3782128.78       37.16498 (16072221)
      402188.88   3782128.78        35.84144 (15092101)                402208.88
3782128.78       36.45324 (15090824)
      402228.88   3782128.78        38.76017 (12100119)                402248.88
3782128.78       39.94908 (12100119)
      402268.88   3782128.78        38.83253 (13062822)                402288.88
3782128.78       38.69794 (13090524)
      402308.88   3782128.78        38.28106 (12080922)                402328.88
3782128.78       38.28468 (12080922)
      402348.88   3782128.78        37.90815 (15080505)                402368.88
3782128.78       37.87943 (13082901)
      402388.88   3782128.78        36.75858 (12081723)                402408.88
3782128.78       34.86514 (12081723)
      402428.88   3782128.78        32.30858 (14091424)                402448.88
3782128.78       30.72527 (14091424)
      402468.88   3782128.78        30.59189 (15091021)                402488.88
3782128.78       31.85962 (12110518)
      402508.88   3782128.78        31.90015 (12110518)                401308.88
3782148.78       34.48969 (12100202)
      401328.88   3782148.78        35.07904 (15092105)                401348.88
3782148.78       35.70889 (15092105)
      401368.88   3782148.78        36.12321 (13090605)                401388.88
3782148.78       36.94024 (13090605)
```

⤒ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 420
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)

```
Y-COORD (M)          CONC      (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - -
        401408.88    3782148.78        37.59330  (13062904)              401428.88
3782148.78        38.78191  (13090506)
        401448.88    3782148.78        40.11300  (13090506)              401468.88
3782148.78        40.73069  (13090403)
        401488.88    3782148.78        43.85089  (13090403)              401508.88
3782148.78        44.85250  (16062005)
        401528.88    3782148.78        44.81385  (16062005)              401548.88
3782148.78        46.26645  (13082701)
        401568.88    3782148.78        47.92209  (12092323)              401588.88
3782148.78        48.04644  (14100501)
        401608.88    3782148.78        48.91053  (15101402)              401628.88
3782148.78        49.07891  (12101424)
        401648.88    3782148.78        48.85407  (15093002)              401668.88
3782148.78        49.33284  (15102324)
        401688.88    3782148.78        51.67952  (15072705)              401708.88
3782148.78        52.34936  (16081403)
        401728.88    3782148.78        52.01037  (15091906)              401748.88
3782148.78        49.97523  (15080504)
        401768.88    3782148.78        48.69066  (14091502)              401788.88
3782148.78        46.01258  (12100206)
        401808.88    3782148.78        48.52964  (15091302)              401828.88
3782148.78        50.10929  (14091422)
        401848.88    3782148.78        49.90157  (13090402)              401868.88
3782148.78        49.46652  (13082624)
        401888.88    3782148.78        48.18342  (12090223)              401908.88
3782148.78        47.03789  (12101803)
        401928.88    3782148.78        45.45867  (16072224)              401948.88
3782148.78        42.98407  (16072224)
        401968.88    3782148.78        41.48946  (13092320)              401988.88
3782148.78        42.02457  (16062102)
        402008.88    3782148.78        42.25229  (12093020)              402028.88
3782148.78        41.35646  (12093020)
        402048.88    3782148.78        39.42257  (12093020)              402068.88
3782148.78        38.26488  (12090501)
        402088.88    3782148.78        37.81747  (12100219)              402108.88
3782148.78        37.26787  (12100219)
        402128.88    3782148.78        36.58193  (15043024)              402148.88
3782148.78        36.37518  (12080622)
        402168.88    3782148.78        36.15434  (16072221)              402188.88
3782148.78        35.79787  (16072221)
        402208.88    3782148.78        35.16980  (12080921)              402228.88
3782148.78        37.95533  (15090824)
        402248.88    3782148.78        39.16994  (12100119)              402268.88
3782148.78        39.22506  (12100119)
        402288.88    3782148.78        38.56209  (15060902)              402308.88
3782148.78        38.71879  (13090524)
        402328.88    3782148.78        38.24900  (12080922)              402348.88
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3782148.78        37.89429 (12080922)
       402368.88   3782148.78      36.91896 (15101321)                402388.88
3782148.78        35.85398 (13082901)
       402408.88   3782148.78      34.43358 (12081723)                402428.88
3782148.78        33.06551 (12081723)
       402448.88   3782148.78      30.13960 (12091820)                402468.88
3782148.78        30.15592 (14091424)
       402488.88   3782148.78      31.86115 (15091021)                402508.88
3782148.78        32.33741 (12110518)
       401308.88   3782168.78      34.00860 (15092105)                401328.88
3782168.78        34.50006 (15092105)
       401348.88   3782168.78      35.24988 (13090605)                401368.88
3782168.78        35.89709 (13090605)
       401388.88   3782168.78      36.38586 (16092906)                401408.88
3782168.78        37.24282 (13090506)
       401428.88   3782168.78      38.26526 (13090506)                401448.88
3782168.78        38.65288 (13090403)
       401468.88   3782168.78      39.46361 (13090403)                401488.88
3782168.78        43.14973 (16062005)
       401508.88   3782168.78      45.66936 (16062005)                401528.88
3782168.78        46.13697 (13082701)
       401548.88   3782168.78      47.13987 (12092323)                401568.88
3782168.78        48.43984 (14100501)
       401588.88   3782168.78      48.94071 (15101402)                401608.88
3782168.78        49.35915 (12081906)
       401628.88   3782168.78      49.73573 (12101424)                401648.88
3782168.78        49.72888 (15102324)
       401668.88   3782168.78      49.11989 (12092605)                401688.88
3782168.78        51.26756 (16081403)
       401708.88   3782168.78      51.43859 (15091906)                401728.88
3782168.78        50.81934 (14100506)
       401748.88   3782168.78      49.27150 (14091502)                401768.88
3782168.78        47.95632 (14091502)
```
⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 421
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                        *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                        INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026

, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401788.88   3782168.78   45.55003 (16072404)   401808.88
3782168.78   47.29224 (15091302)
        401828.88   3782168.78   48.58297 (14091422)   401848.88
3782168.78   48.32067 (13090402)
        401868.88   3782168.78   47.86535 (13082624)   401888.88
3782168.78   46.49597 (12090223)
        401908.88   3782168.78   45.37434 (12101803)   401928.88
3782168.78   43.60018 (16072224)
        401948.88   3782168.78   41.16145 (16072224)   401968.88
3782168.78   41.50046 (13092320)
        401988.88   3782168.78   41.77224 (16062102)   402008.88
3782168.78   41.60384 (12093020)
        402028.88   3782168.78   40.67931 (12093020)   402048.88
3782168.78   39.71849 (12093020)
        402068.88   3782168.78   38.54699 (12090501)   402088.88
3782168.78   37.09317 (12100219)
        402108.88   3782168.78   36.86767 (12100219)   402128.88
3782168.78   36.06499 (15043024)
        402148.88   3782168.78   35.08550 (12080622)   402168.88
3782168.78   35.55338 (16072221)
        402188.88   3782168.78   35.36007 (16072221)   402208.88
3782168.78   34.41516 (15092101)
        402228.88   3782168.78   36.11244 (15090824)   402248.88
3782168.78   37.40309 (15090824)
        402268.88   3782168.78   38.05235 (12100119)   402288.88
3782168.78   38.09587 (12100119)
        402308.88   3782168.78   37.72252 (13031319)   402328.88
3782168.78   37.74495 (13090524)
        402348.88   3782168.78   37.24772 (12080922)   402368.88
3782168.78   36.55066 (12080922)
        402388.88   3782168.78   35.21959 (15101321)   402408.88
3782168.78   34.46424 (13082901)
        402428.88   3782168.78   32.70296 (13082901)   402448.88
3782168.78   29.99924 (12081723)
        402468.88   3782168.78   29.24995 (12091820)   402488.88
3782168.78   31.21917 (14091424)
        402508.88   3782168.78   32.01468 (15091021)   401308.88
3782188.78   33.30238 (15092105)

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       401328.88    3782188.78        34.70293  (13090605)              401348.88
3782188.78        35.01259  (13062904)
       401368.88    3782188.78        36.44983  (16092906)              401388.88
3782188.78        37.04189  (13090506)
       401408.88    3782188.78        37.39179  (15092402)              401428.88
3782188.78        38.09256  (13090403)
       401448.88    3782188.78        38.54717  (13090403)              401468.88
3782188.78        39.02436  (16062005)
       401488.88    3782188.78        40.61281  (16062005)              401508.88
3782188.78        44.28635  (13082701)
       401528.88    3782188.78        46.55652  (12092323)              401548.88
3782188.78        47.13346  (12092824)
       401568.88    3782188.78        48.45733  (15101402)              401588.88
3782188.78        48.74251  (12081906)
       401608.88    3782188.78        49.27092  (12101424)              401628.88
3782188.78        49.46211  (15102324)
       401648.88    3782188.78        49.75908  (15102324)              401668.88
3782188.78        49.41835  (15072705)
       401688.88    3782188.78        50.16261  (16081403)              401708.88
3782188.78        50.03980  (15091906)
       401728.88    3782188.78        49.18681  (15080504)              401748.88
3782188.78        48.35667  (14091502)
       401768.88    3782188.78        46.59451  (12100206)              401788.88
3782188.78        45.31760  (14091503)
       401808.88    3782188.78        45.91926  (12090123)              401828.88
3782188.78        47.08677  (14091422)
       401848.88    3782188.78        46.65910  (13090402)              401868.88
3782188.78        46.20580  (13082624)
       401888.88    3782188.78        44.85492  (12090223)              401908.88
3782188.78        43.96372  (12101803)
       401928.88    3782188.78        42.63659  (16072224)              401948.88
3782188.78        40.62320  (16072224)
       401968.88    3782188.78        40.75808  (13092320)              401988.88
3782188.78        40.92294  (14072805)
       402008.88    3782188.78        40.70996  (12093020)              402028.88
3782188.78        40.18168  (12093020)
       402048.88    3782188.78        39.48795  (12093020)              402068.88
3782188.78        37.83350  (12090501)
       402088.88    3782188.78        36.42742  (12100219)              402108.88
3782188.78        36.81718  (12100219)
       402128.88    3782188.78        35.79504  (12100219)              402148.88
3782188.78        33.94713  (15043024)
```

⬆ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                    ***   05:36:20

                    PAGE 422
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):    L0000001    , L0000002
, L0000003   , L0000004   , L0000005    ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013    ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021    ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   ,  . . .      ,


                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***


                              ** CONC OF PM_10    IN MICROGRAMS/M**3
            **


     X-COORD (M)  Y-COORD (M)      CONC    (YYMMDDHH)            X-COORD (M)
Y-COORD (M)      CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
      402168.88   3782188.78     34.52538 (12080622)           402188.88
3782188.78      34.21002 (16072221)
      402208.88   3782188.78     33.58203 (15092101)           402228.88
3782188.78      34.45308 (12080921)
      402248.88   3782188.78     35.54297 (15090824)           402268.88
3782188.78      36.09873 (15090824)
      402288.88   3782188.78     36.62952 (12100119)           402308.88
3782188.78      36.70401 (13062822)
      402328.88   3782188.78     36.54682 (13031319)           402348.88
3782188.78      36.58720 (13090524)
      402368.88   3782188.78     35.96343 (12080922)           402388.88
3782188.78      35.15225 (12080922)
      402408.88   3782188.78     33.82622 (15101321)           402428.88
3782188.78      32.07983 (15080505)
      402448.88   3782188.78     30.34157 (13082901)           402468.88
3782188.78      29.21407 (12081723)
      402488.88   3782188.78     30.81176 (12091820)           402508.88
3782188.78      31.51768 (14091424)
      401308.88   3782208.78     33.52317 (13090605)           401328.88
3782208.78      34.36974 (13062904)
      401348.88   3782208.78     35.86105 (16092906)           401368.88
3782208.78      36.96129 (13090506)
      401388.88   3782208.78     38.20314 (15092402)           401408.88
3782208.78      38.81499 (13090403)
      401428.88   3782208.78     39.37291 (13090403)           401448.88
3782208.78      40.21190 (16062005)
      401468.88   3782208.78     40.41086 (16062005)           401488.88
3782208.78      39.68236 (13082701)
      401508.88   3782208.78     42.49136 (12092323)           401528.88
```

```
3782208.78       45.02458  (12092824)
       401548.88   3782208.78       46.79364  (14100501)              401568.88
3782208.78       47.62082  (12081906)
       401588.88   3782208.78       47.95867  (12101424)              401608.88
3782208.78       48.28106  (15093002)
       401628.88   3782208.78       48.58984  (15102324)              401648.88
3782208.78       48.42284  (12111623)
       401668.88   3782208.78       48.47451  (16081403)              401688.88
3782208.78       48.63249  (15091906)
       401708.88   3782208.78       48.38915  (14100506)              401728.88
3782208.78       47.50967  (15080504)
       401748.88   3782208.78       46.84740  (14091502)              401768.88
3782208.78       45.30500  (12100206)
       401788.88   3782208.78       44.51933  (14091503)              401808.88
3782208.78       44.92598  (12091605)
       401828.88   3782208.78       45.62072  (14091422)              401848.88
3782208.78       45.17348  (13090402)
       401868.88   3782208.78       44.68767  (13082624)              401888.88
3782208.78       43.46030  (12090223)
       401908.88   3782208.78       42.63552  (12101803)              401928.88
3782208.78       41.18161  (16072224)
       401948.88   3782208.78       39.77509  (16072224)              401968.88
3782208.78       40.12722  (13092320)
       401988.88   3782208.78       40.02502  (14072805)              402008.88
3782208.78       39.75021  (16062102)
       402028.88   3782208.78       39.28279  (12093020)              402048.88
3782208.78       38.34754  (12093020)
       402068.88   3782208.78       36.74725  (12093020)              402088.88
3782208.78       36.51063  (12090501)
       402108.88   3782208.78       36.57946  (12100219)              402128.88
3782208.78       34.80453  (12100219)
       402148.88   3782208.78       33.38355  (15043024)              402168.88
3782208.78       33.01844  (12080622)
       402188.88   3782208.78       33.52118  (16072221)              402208.88
3782208.78       32.95208  (16072221)
       402228.88   3782208.78       33.11463  (15092101)              402248.88
3782208.78       33.79074  (12080921)
       402268.88   3782208.78       35.12318  (15090824)              402288.88
3782208.78       35.60023  (12100119)
       402308.88   3782208.78       36.09007  (12100119)              402328.88
3782208.78       35.79357  (13062822)
       402348.88   3782208.78       35.53972  (13031319)              402368.88
3782208.78       35.36168  (13090524)
       402388.88   3782208.78       34.54850  (12080922)              402408.88
3782208.78       33.48684  (12080922)
       402428.88   3782208.78       32.05150  (13052822)              402448.88
3782208.78       30.09509  (15080505)
       402468.88   3782208.78       28.73226  (13082901)              402488.88
3782208.78       30.16330  (12081723)
       402508.88   3782208.78       30.72570  (12091820)              402116.08
```

3781609.34   175.61097 (12031616)

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 423
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                        ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       402111.58   3781631.84   232.06974 (12031616)   402072.78
3781724.63   269.63612 (12043018)
       402058.72   3781776.93   268.27641 (12121716)   402061.53
3781812.92   249.24613 (12121716)
       402065.47   3781834.86   197.19122 (12071919)   401913.06
3781829.79   243.94400 (12071919)
       401870.32   3781887.16   133.56634 (16093007)   401788.78
3781884.91   105.35544 (15022217)
       401791.03   3781611.59   122.96351 (12111715)

♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                        PAGE 424
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE SUMMARY OF MAXIMUM PERIOD (43848
HRS) RESULTS ***

```
                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **


                              NETWORK
GROUP ID                               AVERAGE CONC              RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -


EQUIP    1ST HIGHEST VALUE IS     96.04156 AT (  401913.06,  3781829.79,   361.98,
  1259.18,    0.00)  DC
         2ND HIGHEST VALUE IS     76.52951 AT (  402072.78,  3781724.63,   352.43,
  1259.18,    0.00)  DC
         3RD HIGHEST VALUE IS     72.25749 AT (  402058.72,  3781776.93,   357.55,
  1259.18,    0.00)  DC
         4TH HIGHEST VALUE IS     70.01402 AT (  401788.88,  3781728.78,   351.72,
  1259.18,    0.00)  DC
         5TH HIGHEST VALUE IS     69.84606 AT (  401908.88,  3781608.78,   338.68,
  1259.18,    0.00)  DC
         6TH HIGHEST VALUE IS     69.70991 AT (  401788.88,  3781748.78,   353.98,
  1259.18,    0.00)  DC
         7TH HIGHEST VALUE IS     69.51135 AT (  402068.88,  3781748.78,   354.49,
  1259.18,    0.00)  DC
         8TH HIGHEST VALUE IS     69.36937 AT (  401788.88,  3781708.78,   349.83,
  1259.18,    0.00)  DC
         9TH HIGHEST VALUE IS     69.04297 AT (  401788.88,  3781768.78,   355.82,
  1259.18,    0.00)  DC
        10TH HIGHEST VALUE IS     68.96389 AT (  401928.88,  3781608.78,   337.68,
  1259.18,    0.00)  DC


TRUCK    1ST HIGHEST VALUE IS     56.95106 AT (  402248.88,  3781608.78,   334.14,
  1259.18,    0.00)  DC
         2ND HIGHEST VALUE IS     53.80921 AT (  402148.88,  3781608.78,   336.71,
  1259.18,    0.00)  DC
         3RD HIGHEST VALUE IS     53.51061 AT (  402128.88,  3781628.78,   338.90,
  1259.18,    0.00)  DC
         4TH HIGHEST VALUE IS     50.92942 AT (  402288.88,  3781588.78,   331.55,
  1259.18,    0.00)  DC
         5TH HIGHEST VALUE IS     49.77567 AT (  402408.88,  3781588.78,   334.84,
  1259.18,    0.00)  DC
         6TH HIGHEST VALUE IS     49.16473 AT (  402308.88,  3781588.78,   332.88,
  1259.18,    0.00)  DC
         7TH HIGHEST VALUE IS     48.88252 AT (  403013.16,  3781577.57,   322.64,
  1259.18,    0.00)  DC
         8TH HIGHEST VALUE IS     48.71139 AT (  402208.88,  3781608.78,   335.01,
  1259.18,    0.00)  DC
         9TH HIGHEST VALUE IS     48.70245 AT (  402368.88,  3781588.78,   332.94,
```

```
        1259.18,    0.00)  DC
              10TH HIGHEST VALUE IS       48.67236 AT (  402348.88,  3781588.78,   332.69,
        1259.18,    0.00)  DC


ALL       1ST HIGHEST VALUE IS       98.99179 AT (  402088.88,  3781688.78,   346.54,
        1259.18,    0.00)  DC
              2ND HIGHEST VALUE IS       96.88336 AT (  401913.06,  3781829.79,   361.98,
        1259.18,    0.00)  DC
              3RD HIGHEST VALUE IS       88.39136 AT (  402108.88,  3781648.78,   341.37,
        1259.18,    0.00)  DC
              4TH HIGHEST VALUE IS       84.72431 AT (  402111.58,  3781631.84,   339.52,
        1259.18,    0.00)  DC
              5TH HIGHEST VALUE IS       83.23396 AT (  402108.88,  3781668.78,   343.10,
        1259.18,    0.00)  DC
              6TH HIGHEST VALUE IS       82.76237 AT (  402072.78,  3781724.63,   352.43,
        1259.18,    0.00)  DC
              7TH HIGHEST VALUE IS       80.41458 AT (  402128.88,  3781628.78,   338.90,
        1259.18,    0.00)  DC
              8TH HIGHEST VALUE IS       75.14474 AT (  402088.88,  3781708.78,   349.61,
        1259.18,    0.00)  DC
              9TH HIGHEST VALUE IS       74.29350 AT (  402058.72,  3781776.93,   357.55,
        1259.18,    0.00)  DC
              10TH HIGHEST VALUE IS       72.81071 AT (  402068.88,  3781748.78,   354.49,
        1259.18,    0.00)  DC


  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
```

```
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                  *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                            ** CONC OF PM_10     IN MICROGRAMS/M**3
            **


                                                DATE
                                  NETWORK
GROUP ID                          AVERAGE CONC   (YYMMDDHH)            RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)     OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- -

EQUIP   HIGH   1ST HIGH VALUE IS   268.25186 ON 12033117: AT (401788.88,
3781728.78,   351.72, 1259.18,   0.00) DC

TRUCK   HIGH   1ST HIGH VALUE IS   153.78453 ON 12033117: AT (402111.58,
3781631.84,   339.52, 1259.18,   0.00) DC

ALL   HIGH   1ST HIGH VALUE IS   281.04101 ON 12033117: AT (401788.88,
3781728.78,   351.72, 1259.18,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                              PAGE 426
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   2 Warning Message(s)
 A Total of   1684 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   75 Calm Hours Identified

 A Total of   1609 Missing Hours Identified (3.67 Percent)

    ******** FATAL ERROR MESSAGES ********
             ***   NONE   ***

    ********   WARNING MESSAGES   ********
 ME W186   3438   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   3438   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ****

```
*** AERMOD Finishes Successfully ***
************************************
```

                              PAGE   1
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                         ***   MODEL SETUP OPTIONS SUMMARY ***
 -
- -

 **Model Is Setup For Calculation of Average CONCentration Values.

   -- DEPOSITION LOGIC --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION. DRYDPLT = F
 **Model Uses NO WET DEPLETION. WETDPLT = F

 **Model Uses URBAN Dispersion Algorithm for the SBL for 1518 Source(s),
   for Total of   1 Urban Area(s):
   Urban Population =   9818605.0 ; Urban Roughness Length = 1.000 m

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
         ADJ_U*   - Use ADJ_U* option for SBL in AERMET
         TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of: PM_10

 **Model Calculates 1 Short Term Average(s) of: 1-HR
     and Calculates PERIOD Averages

 **This Run Includes: 1518 Source(s);   3 Source Group(s); and   4009 Receptor(s)

               with: 0 POINT(s), including
                         0 POINTCAP(s) and   0 POINTHOR(s)
               and: 1518 VOLUME source(s)

```
                      and:       0 AREA type source(s)
                      and:       0 LINE source(s)
                      and:       0 RLINE/RLINEXT source(s)
                      and:       0 OPENPIT source(s)
                      and:       0 BUOYANT LINE source(s) with      0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   182.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                             ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      5.0 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:            aermod.out


 **Detailed Error/Message File:   Meadows at Sierra Madre.err

 **File for Summary of Results:   Meadows at Sierra Madre.sum

♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***    ***
                       ***           05:36:20

                              PAGE   2
 *** MODELOPTs:     RegDFAULT  CONC  ELEV   URBAN  ADJ_U*
```

*** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***

                                               (1=YES; 0=NO)

        1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
        1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
        1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
        1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
        1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
        1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
        1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
        1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

        NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.

                              *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***

                                               (METERS/SEC)

                              1.54,   3.09,   5.14,   8.23,
10.80,
♠ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                        ***   05:36:20

                                 PAGE   3
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file: ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.SFC
               Met Version: 16216
   Profile file: ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.PFL

   Surface format: FREE

   Profile format: FREE

```
     Surface station no.:     3179              Upper air station no.:     3190
                   Name: UNKNOWN                            Name: UNKNOWN

                   Year:   2012                             Year:   2012

  First 24 hours of scalar data
  YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN   Z0  BOWEN
 ALBEDO  REF WS   WD     HT  REF TA    HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
 12 01 01   1 01 -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
 1.00    1.80   20.    9.1 293.1    5.5
 12 01 01   1 02 -32.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.36   1.68
 1.00    2.70   99.    9.1 293.1    5.5
 12 01 01   1 03 -26.4  0.277 -9.000 -9.000 -999.  351.     84.1  0.36   1.68
 1.00    2.20   14.    9.1 292.0    5.5
 12 01 01   1 04 -32.6  0.342 -9.000 -9.000 -999.  480.    128.9  0.36   1.68
 1.00    2.70   10.    9.1 292.5    5.5
 12 01 01   1 05 -26.4  0.277 -9.000 -9.000 -999.  351.     84.1  0.36   1.68
 1.00    2.20   12.    9.1 292.5    5.5
 12 01 01   1 06 -21.6  0.224 -9.000 -9.000 -999.  256.     55.2  0.36   1.68
 1.00    1.80  118.    9.1 289.2    5.5
 12 01 01   1 07 -26.6  0.277 -9.000 -9.000 -999.  349.     84.1  0.36   1.68
 1.00    2.20   64.    9.1 290.9    5.5
 12 01 01   1 08  -1.3  0.062 -9.000 -9.000 -999.  124.     16.5  0.36   1.68
 0.55    0.40   36.    9.1 290.9    5.5
 12 01 01   1 09  38.1  0.160  0.348  0.008   39.  153.     -9.5  0.36   1.68
 0.32    0.90  124.    9.1 293.8    5.5
 12 01 01   1 10  99.5  0.179  0.693  0.007  119.  181.     -5.1  0.36   1.68
 0.25    0.90   21.    9.1 298.1    5.5
 12 01 01   1 11 142.6  0.494  1.086  0.005  321.  832.    -75.2  0.36   1.68
 0.22    3.60  141.    9.1 299.9    5.5
 12 01 01   1 12 162.8  0.442  1.385  0.005  582.  709.    -47.3  0.36   1.68
 0.21    3.10  122.    9.1 299.9    5.5
 12 01 01   1 13 164.4  0.298  1.634  0.005  946.  405.    -14.3  0.36   1.68
 0.21    1.80  114.    9.1 300.9    5.5
 12 01 01   1 14 142.7  0.293  1.718  0.005 1265.  382.    -15.8  0.36   1.68
 0.22    1.80   93.    9.1 302.5    5.5
 12 01 01   1 15  96.7  0.283  1.575  0.005 1438.  361.    -20.7  0.36   1.68
 0.26    1.80  110.    9.1 303.8    5.5
 12 01 01   1 16  41.5  0.207  1.201  0.005 1485.  228.    -18.9  0.36   1.68
 0.35    1.30  113.    9.1 304.2    5.5
 12 01 01   1 17 -37.8  0.464 -9.000 -9.000 -999.  757.    236.3  0.36   1.68
 0.62    3.60  251.    9.1 300.9    5.5
 12 01 01   1 18 -26.1  0.277 -9.000 -9.000 -999.  379.     84.2  0.36   1.68
 1.00    2.20    8.    9.1 296.4    5.5
 12 01 01   1 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.36   1.68
 1.00  999.00  999.   -9.0 295.9    5.5
 12 01 01   1 20  -5.7  0.107 -9.000 -9.000 -999.   84.     19.3  0.36   1.68
 1.00    0.90   35.    9.1 295.4    5.5
```

```
 12 01 01   1 21  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00   1.80  213.    9.1  293.8    5.5
 12 01 01   1 22  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00   1.80   52.    9.1  293.8    5.5
 12 01 01   1 23  -26.3  0.277 -9.000 -9.000 -999.  349.     84.2  0.36   1.68
1.00   2.20   58.    9.1  293.8    5.5
 12 01 01   1 24  -21.4  0.224 -9.000 -9.000 -999.  256.     55.3  0.36   1.68
1.00   1.80   83.    9.1  292.5    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR   WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   293.2  99.0  -99.00  -99.00
 12 01 01 01    9.1 1   20.   1.80  -999.0  99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
♠ *** AERMOD - VERSION  19191 ***    *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***    ***
                        ***        05:36:20

                          PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                *** THE SUMMARY OF MAXIMUM PERIOD ( 43848
HRS) RESULTS ***


                                ** CONC OF PM_10    IN MICROGRAMS/M**3
          **


                    NETWORK
GROUP ID                      AVERAGE CONC             RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

EQUIP    1ST HIGHEST VALUE IS    96.04156 AT (  401913.06,  3781829.79,   361.98,
 1259.18,    0.00) DC
         2ND HIGHEST VALUE IS    76.52951 AT (  402072.78,  3781724.63,   352.43,
 1259.18,    0.00) DC
         3RD HIGHEST VALUE IS    72.25749 AT (  402058.72,  3781776.93,   357.55,
 1259.18,    0.00) DC
         4TH HIGHEST VALUE IS    70.01402 AT (  401788.88,  3781728.78,   351.72,
 1259.18,    0.00) DC
         5TH HIGHEST VALUE IS    69.84606 AT (  401908.88,  3781608.78,   338.68,
 1259.18,    0.00) DC
         6TH HIGHEST VALUE IS    69.70991 AT (  401788.88,  3781748.78,   353.98,
 1259.18,    0.00) DC
```

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         7TH HIGHEST VALUE IS          69.51135 AT (  402068.88,  3781748.78,    354.49,
   1259.18,    0.00)  DC
         8TH HIGHEST VALUE IS          69.36937 AT (  401788.88,  3781708.78,    349.83,
   1259.18,    0.00)  DC
         9TH HIGHEST VALUE IS          69.04297 AT (  401788.88,  3781768.78,    355.82,
   1259.18,    0.00)  DC
        10TH HIGHEST VALUE IS          68.96389 AT (  401928.88,  3781608.78,    337.68,
   1259.18,    0.00)  DC

TRUCK    1ST HIGHEST VALUE IS          56.95106 AT (  402248.88,  3781608.78,    334.14,
   1259.18,    0.00)  DC
         2ND HIGHEST VALUE IS          53.80921 AT (  402148.88,  3781608.78,    336.71,
   1259.18,    0.00)  DC
         3RD HIGHEST VALUE IS          53.51061 AT (  402128.88,  3781628.78,    338.90,
   1259.18,    0.00)  DC
         4TH HIGHEST VALUE IS          50.92942 AT (  402288.88,  3781588.78,    331.55,
   1259.18,    0.00)  DC
         5TH HIGHEST VALUE IS          49.77567 AT (  402408.88,  3781588.78,    334.84,
   1259.18,    0.00)  DC
         6TH HIGHEST VALUE IS          49.16473 AT (  402308.88,  3781588.78,    332.88,
   1259.18,    0.00)  DC
         7TH HIGHEST VALUE IS          48.88252 AT (  403013.16,  3781577.57,    322.64,
   1259.18,    0.00)  DC
         8TH HIGHEST VALUE IS          48.71139 AT (  402208.88,  3781608.78,    335.01,
   1259.18,    0.00)  DC
         9TH HIGHEST VALUE IS          48.70245 AT (  402368.88,  3781588.78,    332.94,
   1259.18,    0.00)  DC
        10TH HIGHEST VALUE IS          48.67236 AT (  402348.88,  3781588.78,    332.69,
   1259.18,    0.00)  DC

ALL      1ST HIGHEST VALUE IS          98.99179 AT (  402088.88,  3781688.78,    346.54,
   1259.18,    0.00)  DC
         2ND HIGHEST VALUE IS          96.88336 AT (  401913.06,  3781829.79,    361.98,
   1259.18,    0.00)  DC
         3RD HIGHEST VALUE IS          88.39136 AT (  402108.88,  3781648.78,    341.37,
   1259.18,    0.00)  DC
         4TH HIGHEST VALUE IS          84.72431 AT (  402111.58,  3781631.84,    339.52,
   1259.18,    0.00)  DC
         5TH HIGHEST VALUE IS          83.23396 AT (  402108.88,  3781668.78,    343.10,
   1259.18,    0.00)  DC
         6TH HIGHEST VALUE IS          82.76237 AT (  402072.78,  3781724.63,    352.43,
   1259.18,    0.00)  DC
         7TH HIGHEST VALUE IS          80.41458 AT (  402128.88,  3781628.78,    338.90,
   1259.18,    0.00)  DC
         8TH HIGHEST VALUE IS          75.14474 AT (  402088.88,  3781708.78,    349.61,
   1259.18,    0.00)  DC
         9TH HIGHEST VALUE IS          74.29350 AT (  402058.72,  3781776.93,    357.55,
   1259.18,    0.00)  DC
        10TH HIGHEST VALUE IS          72.81071 AT (  402068.88,  3781748.78,    354.49,
   1259.18,    0.00)  DC
```

```
   *** RECEPTOR TYPES:  GC = GRIDCART
                        GP = GRIDPOLR
                        DC = DISCCART
                        DP = DISCPOLR
↟ *** AERMOD - VERSION  19191 ***    *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***    ***
                           ***         05:36:20

                                     PAGE   5
   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                           *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

                                               DATE
                                     NETWORK
GROUP ID                           AVERAGE CONC   (YYMMDDHH)           RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

EQUIP    HIGH   1ST HIGH VALUE IS     268.25186  ON 12033117: AT (  401788.88,
3781728.78,   351.72, 1259.18,    0.00) DC

TRUCK    HIGH   1ST HIGH VALUE IS     153.78453  ON 12033117: AT (  402111.58,
3781631.84,   339.52, 1259.18,    0.00) DC

ALL      HIGH   1ST HIGH VALUE IS     281.04101  ON 12033117: AT (  401788.88,
3781728.78,   351.72, 1259.18,    0.00) DC


   *** RECEPTOR TYPES:  GC = GRIDCART
                        GP = GRIDPOLR
                        DC = DISCCART
                        DP = DISCPOLR
↟ *** AERMOD - VERSION  19191 ***    *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***    ***
                           ***         05:36:20

                                     PAGE   6
   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
      *** Message Summary : AERMOD Model Execution ***

       --------- Summary of Total Messages --------

  A Total of            0 Fatal Error Message(s)
  A Total of            2 Warning Message(s)
  A Total of         1684 Informational Message(s)

  A Total of        43848 Hours Were Processed

  A Total of           75 Calm Hours Identified

  A Total of         1609 Missing Hours Identified (  3.67 Percent)


     ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


     ********   WARNING MESSAGES   ********
 ME W186    3438       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
       0.50
 ME W187    3438       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

HARP2 - HRACalc (dated 21081) 4/8/2021 9:23:31 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.333333

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.333333
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining
pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for
details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS
HARP\hra\Res-UnmitCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at
Sierra Madre\MEADOWS HARP\hra\Res-UnmitCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS
HARP\hra\Res-UnmitNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows
at Sierra Madre\MEADOWS HARP\hra\Res-UnmitNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS
HARP\hra\Res-UnmitNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at
Sierra Madre\MEADOWS HARP\hra\Res-UnmitNCAcuteRiskSumByRec.csv
HRA ran successfully

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		399068	3778942	1.01E-07	1.333333Y	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		399349.8	3778942	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		399631.6	3778942	1.17E-07	1.333333Y	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		399913.4	3778942	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		400195.2	3778942	1.37E-07	1.333333Y	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		400477	3778942	1.46E-07	1.333333Y	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		400758.8	3778942	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		401040.6	3778942	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		401322.4	3778942	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		401604.2	3778942	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		401886	3778942	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		402167.8	3778942	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		402449.6	3778942	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		402731.4	3778942	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		403013.2	3778942	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		403295	3778942	1.49E-07	1.333333Y	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		403576.8	3778942	1.37E-07	1.333333Y	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		403858.6	3778942	1.26E-07	1.333333Y	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		404140.4	3778942	1.15E-07	1.333333Y	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		404422.2	3778942	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		404704	3778942	9.83E-08	1.333333Y	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		399068	3779206	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		399349.8	3779206	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		399631.6	3779206	1.28E-07	1.333333Y	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		399913.4	3779206	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		400195.2	3779206	1.52E-07	1.333333Y	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		400477	3779206	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		400758.8	3779206	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		401040.6	3779206	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		401322.4	3779206	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		401604.2	3779206	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		401886	3779206	2.02E-07	1.333333Y	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		402167.8	3779206	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		402449.6	3779206	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		402731.4	3779206	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		403013.2	3779206	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		403295	3779206	1.75E-07	1.333333Y	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		403576.8	3779206	1.57E-07	1.333333Y	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		403858.6	3779206	1.41E-07	1.333333Y	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		404140.4	3779206	1.28E-07	1.333333Y	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		404422.2	3779206	1.16E-07	1.333333Y	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		404704	3779206	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		399068	3779469	1.17E-07	1.333333Y	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		399349.8	3779469	1.28E-07	1.333333Y	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		399631.6	3779469	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		399913.4	3779469	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		400195.2	3779469	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		400477	3779469	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		400758.8	3779469	2.02E-07	1.333333Y	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		401040.6	3779469	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		401322.4	3779469	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		401604.2	3779469	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		401886	3779469	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		402167.8	3779469	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		402449.6	3779469	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		402731.4	3779469	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		403013.2	3779469	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		403295	3779469	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		403576.8	3779469	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		403858.6	3779469	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		404140.4	3779469	1.42E-07	1.333333Y	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		404422.2	3779469	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		404704	3779469	1.15E-07	1.333333Y	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		399068	3779733	1.26E-07	1.333333Y	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		399349.8	3779733	1.38E-07	1.333333Y	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		399631.6	3779733	1.53E-07	1.333333Y	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		399913.4	3779733	1.71E-07	1.333333Y	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		400195.2	3779733	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		400477	3779733	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		400758.8	3779733	2.40E-07	1.333333Y	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		401040.6	3779733	2.60E-07	1.333333Y	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		401322.4	3779733	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		401604.2	3779733	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		401886	3779733	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		402167.8	3779733	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		402449.6	3779733	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		402731.4	3779733	3.24E-07	1.333333Y	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		403013.2	3779733	3.78E-07	1.333333Y	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		403295	3779733	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		403576.8	3779733	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		403858.6	3779733	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		404140.4	3779733	1.56E-07	1.333333Y	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		404422.2	3779733	1.39E-07	1.333333Y	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		404704	3779733	1.24E-07	1.333333Y	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		399068	3779996	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		399349.8	3779996	1.50E-07	1.333333Y	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		399631.6	3779996	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		399913.4	3779996	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		400195.2	3779996	2.15E-07	1.333333Y	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		400477	3779996	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91 ALL	400758.8	3779996	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92 ALL	401040.6	3779996	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93 ALL	401322.4	3779996	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94 ALL	401604.2	3779996	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95 ALL	401886	3779996	3.75E-07	1.333333Y	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96 ALL	402167.8	3779996	3.72E-07	1.333333Y	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97 ALL	402449.6	3779996	3.62E-07	1.333333Y	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98 ALL	402731.4	3779996	3.76E-07	1.333333Y	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99 ALL	403013.2	3779996	4.53E-07	1.333333Y	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100 ALL	403295	3779996	2.86E-07	1.333333Y	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101 ALL	403576.8	3779996	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102 ALL	403858.6	3779996	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103 ALL	404140.4	3779996	1.73E-07	1.333333Y	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104 ALL	404422.2	3779996	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105 ALL	404704	3779996	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106 ALL	399068	3780260	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107 ALL	399349.8	3780260	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108 ALL	399631.6	3780260	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109 ALL	399913.4	3780260	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110 ALL	400195.2	3780260	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111 ALL	400477	3780260	2.92E-07	1.333333Y	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112 ALL	400758.8	3780260	3.39E-07	1.333333Y	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113 ALL	401040.6	3780260	3.88E-07	1.333333Y	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114 ALL	401322.4	3780260	4.37E-07	1.333333Y	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115 ALL	401604.2	3780260	4.74E-07	1.333333Y	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116 ALL	401886	3780260	4.90E-07	1.333333Y	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117 ALL	402167.8	3780260	4.81E-07	1.333333Y	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118 ALL	402449.6	3780260	4.56E-07	1.333333Y	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119 ALL	402731.4	3780260	4.46E-07	1.333333Y	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120 ALL	403013.2	3780260	5.48E-07	1.333333Y	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121 ALL	403295	3780260	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122 ALL	403576.8	3780260	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123 ALL	403858.6	3780260	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124 ALL	404140.4	3780260	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125 ALL	404422.2	3780260	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126 ALL	404704	3780260	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127 ALL	399068	3780523	1.53E-07	1.333333Y	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128 ALL	399349.8	3780523	1.73E-07	1.333333Y	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129 ALL	399631.6	3780523	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130 ALL	399913.4	3780523	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131 ALL	400195.2	3780523	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132 ALL	400477	3780523	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133 ALL	400758.8	3780523	4.10E-07	1.333333Y	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134 ALL	401040.6	3780523	4.91E-07	1.333333Y	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135 ALL	401322.4	3780523	5.77E-07	1.333333Y	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136 ALL	401604.2	3780523	6.51E-07	1.333333Y	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137 ALL	401886	3780523	6.81E-07	1.333333Y	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138 ALL	402167.8	3780523	6.58E-07	1.333333Y	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139 ALL	402449.6	3780523	6.00E-07	1.333333Y	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140 ALL	402731.4	3780523	5.49E-07	1.333333Y	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141 ALL	403013.2	3780523	6.84E-07	1.333333Y	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142 ALL	403295	3780523	3.84E-07	1.333333Y	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143 ALL	403576.8	3780523	3.03E-07	1.333333Y	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144 ALL	403858.6	3780523	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145 ALL	404140.4	3780523	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146 ALL	404422.2	3780523	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147 ALL	404704	3780523	1.54E-07	1.333333Y	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148 ALL	399068	3780787	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149 ALL	399349.8	3780787	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150 ALL	399631.6	3780787	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151 ALL	399913.4	3780787	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152 ALL	400195.2	3780787	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153 ALL	400477	3780787	3.90E-07	1.333333Y	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154 ALL	400758.8	3780787	5.02E-07	1.333333Y	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155 ALL	401040.6	3780787	6.37E-07	1.333333Y	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156 ALL	401322.4	3780787	8.05E-07	1.333333Y	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157 ALL	401604.2	3780787	9.63E-07	1.333333Y	9.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158 ALL	401886	3780787	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159 ALL	402167.8	3780787	9.70E-07	1.333333Y	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160 ALL	402449.6	3780787	8.36E-07	1.333333Y	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161 ALL	402731.4	3780787	6.98E-07	1.333333Y	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162 ALL	403013.2	3780787	8.78E-07	1.333333Y	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163 ALL	403295	3780787	4.46E-07	1.333333Y	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164 ALL	403576.8	3780787	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165 ALL	403858.6	3780787	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166 ALL	404140.4	3780787	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167 ALL	404422.2	3780787	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168 ALL	404704	3780787	1.66E-07	1.333333Y	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169 ALL	399068	3781050	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170 ALL	399349.8	3781050	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171 ALL	399631.6	3781050	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172 ALL	399913.4	3781050	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173 ALL	400195.2	3781050	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174 ALL	400477	3781050	4.52E-07	1.333333Y	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175 ALL	400758.8	3781050	6.13E-07	1.333333Y	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176 ALL	401040.6	3781050	8.41E-07	1.333333Y	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177 ALL	401322.4	3781050	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178 ALL	401604.2	3781050	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179 ALL	401886	3781050	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180 ALL	402167.8	3781050	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181 ALL	402449.6	3781050	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182 ALL	402731.4	3781050	9.18E-07	1.333333Y		9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183 ALL	403013.2	3781050	1.22E-06	1.333333Y		1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184 ALL	403295	3781050	5.21E-07	1.333333Y		5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185 ALL	403576.8	3781050	3.87E-07	1.333333Y		3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186 ALL	403858.6	3781050	3.03E-07	1.333333Y		3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187 ALL	404140.4	3781050	2.45E-07	1.333333Y		2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188 ALL	404422.2	3781050	2.05E-07	1.333333Y		2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189 ALL	404704	3781050	1.79E-07	1.333333Y		1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190 ALL	399068	3781314	1.75E-07	1.333333Y		1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191 ALL	399349.8	3781314	2.02E-07	1.333333Y		2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192 ALL	399631.6	3781314	2.40E-07	1.333333Y		2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193 ALL	399913.4	3781314	3.02E-07	1.333333Y		3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194 ALL	400195.2	3781314	4.02E-07	1.333333Y		4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195 ALL	400477	3781314	5.14E-07	1.333333Y		5.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196 ALL	400758.8	3781314	7.30E-07	1.333333Y		7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197 ALL	401040.6	3781314	1.10E-06	1.333333Y		1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198 ALL	401322.4	3781314	1.78E-06	1.333333Y		1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199 ALL	401604.2	3781314	3.03E-06	1.333333Y		3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200 ALL	401886	3781314	4.26E-06	1.333333Y		4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201 ALL	402167.8	3781314	3.39E-06	1.333333Y		3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202 ALL	402449.6	3781314	1.99E-06	1.333333Y		1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203 ALL	402731.4	3781314	1.26E-06	1.333333Y		1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204 ALL	403013.2	3781314	1.67E-06	1.333333Y		1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205 ALL	403295	3781314	6.02E-07	1.333333Y		6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206 ALL	403576.8	3781314	4.30E-07	1.333333Y		4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207 ALL	403858.6	3781314	3.29E-07	1.333333Y		3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208 ALL	404140.4	3781314	2.61E-07	1.333333Y		2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209 ALL	404422.2	3781314	2.24E-07	1.333333Y		2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210 ALL	404704	3781314	1.92E-07	1.333333Y		1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211 ALL	399068	3781578	1.77E-07	1.333333Y		1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212 ALL	399349.8	3781578	2.05E-07	1.333333Y		2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213 ALL	399631.6	3781578	2.54E-07	1.333333Y		2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214 ALL	399913.4	3781578	3.31E-07	1.333333Y		3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215 ALL	400195.2	3781578	4.29E-07	1.333333Y		4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216 ALL	400477	3781578	5.72E-07	1.333333Y		5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217 ALL	400758.8	3781578	8.12E-07	1.333333Y		8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218 ALL	401040.6	3781578	1.30E-06	1.333333Y		1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219 ALL	401322.4	3781578	2.42E-06	1.333333Y		2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220 ALL	401604.2	3781578	6.52E-06	1.333333Y		6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221 ALL	401886	3781578	2.96E-05	1.333333Y		2.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222 ALL	402167.8	3781578	1.12E-05	1.333333Y		1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223 ALL	402449.6	3781578	4.10E-06	1.333333Y		4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224 ALL	402731.4	3781578	2.60E-06	1.333333Y		2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225 ALL	403013.2	3781578	1.96E-06	1.333333Y		1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226 ALL	403295	3781578	6.76E-07	1.333333Y		6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227 ALL	403576.8	3781578	4.79E-07	1.333333Y		4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228 ALL	403858.6	3781578	3.82E-07	1.333333Y		3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229 ALL	404140.4	3781578	2.89E-07	1.333333Y		2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230 ALL	404422.2	3781578	2.48E-07	1.333333Y		2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231 ALL	404704	3781578	2.07E-07	1.333333Y		2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232 ALL	399068	3781841	1.78E-07	1.333333Y		1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233 ALL	399349.8	3781841	2.12E-07	1.333333Y		2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234 ALL	399631.6	3781841	2.73E-07	1.333333Y		2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235 ALL	399913.4	3781841	3.37E-07	1.333333Y		3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236 ALL	400195.2	3781841	4.38E-07	1.333333Y		4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237 ALL	400477	3781841	5.76E-07	1.333333Y		5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238 ALL	400758.8	3781841	8.27E-07	1.333333Y		8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239 ALL	401040.6	3781841	1.06E-06	1.333333Y		1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240 ALL	401322.4	3781841	1.84E-06	1.333333Y		1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241 ALL	401604.2	3781841	5.95E-06	1.333333Y		5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242 ALL	402167.8	3781841	1.26E-05	1.333333Y		1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243 ALL	402449.6	3781841	4.47E-06	1.333333Y		4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244 ALL	402731.4	3781841	2.22E-06	1.333333Y		2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245 ALL	403013.2	3781841	1.57E-06	1.333333Y		1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246 ALL	403295	3781841	1.02E-06	1.333333Y		1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247 ALL	403576.8	3781841	7.73E-07	1.333333Y		7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248 ALL	403858.6	3781841	3.85E-07	1.333333Y		3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249 ALL	404140.4	3781841	3.17E-07	1.333333Y		3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250 ALL	404422.2	3781841	3.31E-07	1.333333Y		3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251 ALL	404704	3781841	2.36E-07	1.333333Y		2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252 ALL	399068	3782105	1.78E-07	1.333333Y		1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253 ALL	399349.8	3782105	2.17E-07	1.333333Y		2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254 ALL	399631.6	3782105	2.70E-07	1.333333Y		2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255 ALL	399913.4	3782105	3.13E-07	1.333333Y		3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256 ALL	400195.2	3782105	3.47E-07	1.333333Y		3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257 ALL	400477	3782105	3.96E-07	1.333333Y		3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258 ALL	400758.8	3782105	6.97E-07	1.333333Y		6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259 ALL	401040.6	3782105	6.37E-07	1.333333Y		6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260 ALL	401322.4	3782105	7.68E-07	1.333333Y		7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261 ALL	401604.2	3782105	1.20E-06	1.333333Y		1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262 ALL	401886	3782105	1.37E-06	1.333333Y		1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263 ALL	402167.8	3782105	2.37E-06	1.333333Y		2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264 ALL	402449.6	3782105	1.75E-06	1.333333Y		1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265 ALL	402731.4	3782105	1.57E-06	1.333333Y		1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266 ALL	403013.2	3782105	1.30E-06	1.333333Y		1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267 ALL	403295	3782105	9.79E-07	1.333333Y		9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268 ALL	403576.8	3782105	7.30E-07	1.333333Y		7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269 ALL	403858.6	3782105	3.95E-07	1.333333Y		3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270 ALL	404140.4	3782105	4.41E-07	1.333333Y		4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271 ALL	404422.2	3782105	3.55E-07	1.333333Y		3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272 ALL	404704	3782105	3.32E-07	1.333333Y		3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273 ALL	399068	3782368	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274 ALL	399349.8	3782368	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275 ALL	399631.6	3782368	2.30E-07	1.333333Y	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276 ALL	399913.4	3782368	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277 ALL	400195.2	3782368	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278 ALL	400477	3782368	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279 ALL	400758.8	3782368	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280 ALL	401040.6	3782368	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281 ALL	401322.4	3782368	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282 ALL	401604.2	3782368	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283 ALL	401886	3782368	4.22E-07	1.333333Y	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284 ALL	402167.8	3782368	5.24E-07	1.333333Y	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285 ALL	402449.6	3782368	4.92E-07	1.333333Y	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286 ALL	402731.4	3782368	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287 ALL	403013.2	3782368	6.33E-07	1.333333Y	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288 ALL	403295	3782368	6.63E-07	1.333333Y	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289 ALL	403576.8	3782368	6.33E-07	1.333333Y	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290 ALL	403858.6	3782368	5.69E-07	1.333333Y	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291 ALL	404140.4	3782368	4.72E-07	1.333333Y	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292 ALL	404422.2	3782368	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293 ALL	404704	3782368	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294 ALL	399068	3782632	1.73E-07	1.333333Y	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295 ALL	399349.8	3782632	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296 ALL	399631.6	3782632	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297 ALL	399913.4	3782632	1.30E-07	1.333333Y	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298 ALL	400195.2	3782632	1.47E-07	1.333333Y	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299 ALL	400477	3782632	1.49E-07	1.333333Y	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300 ALL	400758.8	3782632	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301 ALL	401040.6	3782632	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302 ALL	401322.4	3782632	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303 ALL	401604.2	3782632	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304 ALL	401886	3782632	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305 ALL	402167.8	3782632	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306 ALL	402449.6	3782632	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307 ALL	402731.4	3782632	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308 ALL	403013.2	3782632	2.89E-07	1.333333Y	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309 ALL	403295	3782632	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310 ALL	403576.8	3782632	3.60E-07	1.333333Y	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311 ALL	403858.6	3782632	3.78E-07	1.333333Y	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312 ALL	404140.4	3782632	3.74E-07	1.333333Y	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313 ALL	404422.2	3782632	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314 ALL	404704	3782632	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315 ALL	399068	3782895	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316 ALL	399349.8	3782895	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317 ALL	399631.6	3782895	8.82E-08	1.333333Y	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318 ALL	399913.4	3782895	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319 ALL	400195.2	3782895	9.96E-08	1.333333Y	9.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320 ALL	400477	3782895	1.11E-07	1.333333Y	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321 ALL	400758.8	3782895	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322 ALL	401040.6	3782895	1.16E-07	1.333333Y	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323 ALL	401322.4	3782895	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324 ALL	401604.2	3782895	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325 ALL	401886	3782895	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326 ALL	402167.8	3782895	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327 ALL	402449.6	3782895	1.58E-07	1.333333Y	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328 ALL	402731.4	3782895	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329 ALL	403013.2	3782895	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330 ALL	403295	3782895	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331 ALL	403576.8	3782895	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332 ALL	403858.6	3782895	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333 ALL	404140.4	3782895	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334 ALL	404422.2	3782895	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335 ALL	404704	3782895	2.47E-07	1.333333Y	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336 ALL	399068	3783159	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337 ALL	399349.8	3783159	9.72E-08	1.333333Y	9.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338 ALL	399631.6	3783159	6.31E-08	1.333333Y	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339 ALL	399913.4	3783159	7.44E-08	1.333333Y	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340 ALL	400195.2	3783159	7.61E-08	1.333333Y	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341 ALL	400477	3783159	7.88E-08	1.333333Y	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342 ALL	400758.8	3783159	8.63E-08	1.333333Y	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343 ALL	401040.6	3783159	8.43E-08	1.333333Y	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344 ALL	401322.4	3783159	9.47E-08	1.333333Y	9.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345 ALL	401604.2	3783159	1.05E-07	1.333333Y	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346 ALL	401886	3783159	1.02E-07	1.333333Y	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347 ALL	402167.8	3783159	1.01E-07	1.333333Y	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348 ALL	402449.6	3783159	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349 ALL	402731.4	3783159	1.14E-07	1.333333Y	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350 ALL	403013.2	3783159	1.04E-07	1.333333Y	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351 ALL	403295	3783159	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352 ALL	403576.8	3783159	1.32E-07	1.333333Y	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353 ALL	403858.6	3783159	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354 ALL	404140.4	3783159	1.52E-07	1.333333Y	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355 ALL	404422.2	3783159	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356 ALL	404704	3783159	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357 ALL	399068	3783422	7.07E-08	1.333333Y	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358 ALL	399349.8	3783422	5.26E-08	1.333333Y	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359 ALL	399631.6	3783422	5.58E-08	1.333333Y	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360 ALL	399913.4	3783422	5.73E-08	1.333333Y	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361 ALL	400195.2	3783422	5.81E-08	1.333333Y	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362 ALL	400477	3783422	6.26E-08	1.333333Y	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363 ALL	400758.8	3783422	6.38E-08	1.333333Y	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364 ALL	401040.6	3783422	6.80E-08	1.333333Y	6.80E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
365 ALL	401322.4	3783422	7.32E-08	1.333333Y	7.32E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
366 ALL	401604.2	3783422	8.06E-08	1.333333Y	8.06E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
367 ALL	401886	3783422	7.78E-08	1.333333Y	7.78E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
368 ALL	402167.8	3783422	7.63E-08	1.333333Y	7.63E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
369 ALL	402449.6	3783422	8.04E-08	1.333333Y	8.04E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
370 ALL	402731.4	3783422	8.61E-08	1.333333Y	8.61E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
371 ALL	403013.2	3783422	7.57E-08	1.333333Y	7.57E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
372 ALL	403295	3783422	8.87E-08	1.333333Y	8.87E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
373 ALL	403576.8	3783422	9.32E-08	1.333333Y	9.32E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
374 ALL	403858.6	3783422	9.92E-08	1.333333Y	9.92E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
375 ALL	404140.4	3783422	1.07E-07	1.333333Y	1.07E-07	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
376 ALL	404422.2	3783422	1.11E-07	1.333333Y	1.11E-07	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
377 ALL	404704	3783422	1.09E-07	1.333333Y	1.09E-07	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
378 ALL	399068	3783686	4.20E-08	1.333333Y	4.20E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
379 ALL	399349.8	3783686	4.37E-08	1.333333Y	4.37E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
380 ALL	399631.6	3783686	4.38E-08	1.333333Y	4.38E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
381 ALL	399913.4	3783686	4.58E-08	1.333333Y	4.58E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
382 ALL	400195.2	3783686	4.90E-08	1.333333Y	4.90E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
383 ALL	400477	3783686	4.97E-08	1.333333Y	4.97E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
384 ALL	400758.8	3783686	5.13E-08	1.333333Y	5.13E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
385 ALL	401040.6	3783686	5.76E-08	1.333333Y	5.76E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
386 ALL	401322.4	3783686	5.89E-08	1.333333Y	5.89E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
387 ALL	401604.2	3783686	6.37E-08	1.333333Y	6.37E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
388 ALL	401886	3783686	5.40E-08	1.333333Y	5.40E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
389 ALL	402167.8	3783686	5.16E-08	1.333333Y	5.16E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
390 ALL	402449.6	3783686	5.43E-08	1.333333Y	5.43E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
391 ALL	402731.4	3783686	5.07E-08	1.333333Y	5.07E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
392 ALL	403013.2	3783686	4.11E-08	1.333333Y	4.11E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
393 ALL	403295	3783686	6.90E-08	1.333333Y	6.90E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
394 ALL	403576.8	3783686	7.12E-08	1.333333Y	7.12E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
395 ALL	403858.6	3783686	7.38E-08	1.333333Y	7.38E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
396 ALL	404140.4	3783686	7.72E-08	1.333333Y	7.72E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
397 ALL	404422.2	3783686	8.26E-08	1.333333Y	8.26E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
398 ALL	404704	3783686	6.97E-08	1.333333Y	6.97E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
399 ALL	399068	3783950	3.61E-08	1.333333Y	3.61E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
400 ALL	399349.8	3783950	3.59E-08	1.333333Y	3.59E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
401 ALL	399631.6	3783950	3.76E-08	1.333333Y	3.76E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
402 ALL	399913.4	3783950	4.01E-08	1.333333Y	4.01E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
403 ALL	400195.2	3783950	4.04E-08	1.333333Y	4.04E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
404 ALL	400477	3783950	4.06E-08	1.333333Y	4.06E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
405 ALL	400758.8	3783950	4.36E-08	1.333333Y	4.36E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
406 ALL	401040.6	3783950	4.88E-08	1.333333Y	4.88E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
407 ALL	401322.4	3783950	4.96E-08	1.333333Y	4.96E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
408 ALL	401604.2	3783950	4.98E-08	1.333333Y	4.98E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
409 ALL	401886	3783950	2.79E-08	1.333333Y	2.79E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
410 ALL	402167.8	3783950	2.40E-08	1.333333Y	2.40E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
411 ALL	402449.6	3783950	3.12E-08	1.333333Y	3.12E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
412 ALL	402731.4	3783950	2.59E-08	1.333333Y	2.59E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
413 ALL	403013.2	3783950	5.14E-08	1.333333Y	5.14E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
414 ALL	403295	3783950	5.83E-08	1.333333Y	5.83E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
415 ALL	403576.8	3783950	5.82E-08	1.333333Y	5.82E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
416 ALL	403858.6	3783950	5.86E-08	1.333333Y	5.86E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
417 ALL	404140.4	3783950	5.96E-08	1.333333Y	5.96E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
418 ALL	404422.2	3783950	5.11E-08	1.333333Y	5.11E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
419 ALL	404704	3783950	4.70E-08	1.333333Y	4.70E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
420 ALL	399068	3784213	3.02E-08	1.333333Y	3.02E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
421 ALL	399349.8	3784213	3.15E-08	1.333333Y	3.15E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
422 ALL	399631.6	3784213	3.38E-08	1.333333Y	3.38E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
423 ALL	399913.4	3784213	3.44E-08	1.333333Y	3.44E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
424 ALL	400195.2	3784213	2.94E-08	1.333333Y	2.94E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
425 ALL	400477	3784213	2.68E-08	1.333333Y	2.68E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
426 ALL	400758.8	3784213	2.57E-08	1.333333Y	2.57E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
427 ALL	401040.6	3784213	4.05E-08	1.333333Y	4.05E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
428 ALL	401322.4	3784213	4.28E-08	1.333333Y	4.28E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
429 ALL	401604.2	3784213	4.52E-08	1.333333Y	4.52E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
430 ALL	401886	3784213	1.99E-08	1.333333Y	1.99E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
431 ALL	402167.8	3784213	1.12E-08	1.333333Y	1.12E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
432 ALL	402449.6	3784213	1.69E-08	1.333333Y	1.69E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
433 ALL	402731.4	3784213	3.78E-08	1.333333Y	3.78E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
434 ALL	403013.2	3784213	4.63E-08	1.333333Y	4.63E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
435 ALL	403295	3784213	4.98E-08	1.333333Y	4.98E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
436 ALL	403576.8	3784213	4.88E-08	1.333333Y	4.88E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
437 ALL	403858.6	3784213	4.32E-08	1.333333Y	4.32E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
438 ALL	404140.4	3784213	3.44E-08	1.333333Y	3.44E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
439 ALL	404422.2	3784213	2.63E-08	1.333333Y	2.63E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
440 ALL	404704	3784213	3.76E-08	1.333333Y	3.76E-08	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
441 ALL	401308.9	3781009	1.09E-06	1.333333Y	1.09E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
442 ALL	401328.9	3781009	1.11E-06	1.333333Y	1.11E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
443 ALL	401348.9	3781009	1.14E-06	1.333333Y	1.14E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
444 ALL	401368.9	3781009	1.16E-06	1.333333Y	1.16E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
445 ALL	401388.9	3781009	1.19E-06	1.333333Y	1.19E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
446 ALL	401408.9	3781009	1.21E-06	1.333333Y	1.21E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
447 ALL	401428.9	3781009	1.23E-06	1.333333Y	1.23E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
448 ALL	401448.9	3781009	1.26E-06	1.333333Y	1.26E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
449 ALL	401468.9	3781009	1.28E-06	1.333333Y	1.28E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
450 ALL	401488.9	3781009	1.31E-06	1.333333Y	1.31E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
451 ALL	401508.9	3781009	1.33E-06	1.333333Y	1.33E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
452 ALL	401528.9	3781009	1.36E-06	1.333333Y	1.36E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
453 ALL	401548.9	3781009	1.38E-06	1.333333Y	1.38E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
454 ALL	401568.9	3781009	1.41E-06	1.333333Y	1.41E-06	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

455 ALL	401588.9	3781009	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456 ALL	401608.9	3781009	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457 ALL	401628.9	3781009	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458 ALL	401648.9	3781009	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459 ALL	401668.9	3781009	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460 ALL	401688.9	3781009	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461 ALL	401708.9	3781009	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462 ALL	401728.9	3781009	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463 ALL	401748.9	3781009	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464 ALL	401768.9	3781009	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465 ALL	401788.9	3781009	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466 ALL	401808.9	3781009	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467 ALL	401828.9	3781009	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468 ALL	401848.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469 ALL	401868.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470 ALL	401888.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471 ALL	401908.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472 ALL	401928.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473 ALL	401948.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474 ALL	401968.9	3781009	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475 ALL	401988.9	3781009	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476 ALL	402008.9	3781009	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477 ALL	402028.9	3781009	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478 ALL	402048.9	3781009	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479 ALL	402068.9	3781009	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480 ALL	402088.9	3781009	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481 ALL	402108.9	3781009	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482 ALL	402128.9	3781009	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483 ALL	402148.9	3781009	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484 ALL	402168.9	3781009	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485 ALL	402188.9	3781009	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486 ALL	402208.9	3781009	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487 ALL	402228.9	3781009	1.42E-06	1.333333Y	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488 ALL	402248.9	3781009	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489 ALL	402268.9	3781009	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490 ALL	402288.9	3781009	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491 ALL	402308.9	3781009	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492 ALL	402328.9	3781009	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493 ALL	402348.9	3781009	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494 ALL	402368.9	3781009	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495 ALL	402388.9	3781009	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496 ALL	402408.9	3781009	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497 ALL	402428.9	3781009	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498 ALL	402448.9	3781009	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499 ALL	402468.9	3781009	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500 ALL	402488.9	3781009	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501 ALL	402508.9	3781009	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502 ALL	401308.9	3781029	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503 ALL	401328.9	3781029	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504 ALL	401348.9	3781029	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505 ALL	401368.9	3781029	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506 ALL	401388.9	3781029	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507 ALL	401408.9	3781029	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508 ALL	401428.9	3781029	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509 ALL	401448.9	3781029	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510 ALL	401468.9	3781029	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511 ALL	401488.9	3781029	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512 ALL	401508.9	3781029	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513 ALL	401528.9	3781029	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514 ALL	401548.9	3781029	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515 ALL	401568.9	3781029	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516 ALL	401588.9	3781029	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517 ALL	401608.9	3781029	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518 ALL	401628.9	3781029	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519 ALL	401648.9	3781029	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520 ALL	401668.9	3781029	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521 ALL	401688.9	3781029	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522 ALL	401708.9	3781029	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523 ALL	401728.9	3781029	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524 ALL	401748.9	3781029	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525 ALL	401768.9	3781029	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526 ALL	401788.9	3781029	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527 ALL	401808.9	3781029	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528 ALL	401828.9	3781029	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529 ALL	401848.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530 ALL	401868.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531 ALL	401888.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532 ALL	401908.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533 ALL	401928.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534 ALL	401948.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535 ALL	401968.9	3781029	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536 ALL	401988.9	3781029	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537 ALL	402008.9	3781029	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538 ALL	402028.9	3781029	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539 ALL	402048.9	3781029	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540 ALL	402068.9	3781029	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541 ALL	402088.9	3781029	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542 ALL	402108.9	3781029	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543 ALL	402128.9	3781029	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544 ALL	402148.9	3781029	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545 ALL	402168.9	3781029	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	402188.9	3781029	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	402208.9	3781029	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	402228.9	3781029	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	402248.9	3781029	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	402268.9	3781029	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	402288.9	3781029	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	402308.9	3781029	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	402328.9	3781029	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	402348.9	3781029	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	402368.9	3781029	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	402388.9	3781029	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	402408.9	3781029	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	402428.9	3781029	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	402448.9	3781029	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	402468.9	3781029	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	402488.9	3781029	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	402508.9	3781029	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	401308.9	3781049	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	401328.9	3781049	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	401348.9	3781049	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	401368.9	3781049	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	401388.9	3781049	1.27E-06	1.333333Y	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	401408.9	3781049	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	401428.9	3781049	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	401448.9	3781049	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	401468.9	3781049	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	401488.9	3781049	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	401508.9	3781049	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	401528.9	3781049	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	401548.9	3781049	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	401568.9	3781049	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	401588.9	3781049	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	401608.9	3781049	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	401628.9	3781049	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	401648.9	3781049	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	401668.9	3781049	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	401688.9	3781049	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	401708.9	3781049	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	401728.9	3781049	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	401748.9	3781049	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	401768.9	3781049	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	401788.9	3781049	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	401808.9	3781049	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	401828.9	3781049	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	401848.9	3781049	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	401868.9	3781049	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	401888.9	3781049	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	401908.9	3781049	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	401928.9	3781049	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	401948.9	3781049	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	401968.9	3781049	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	401988.9	3781049	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	402008.9	3781049	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	402028.9	3781049	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	402048.9	3781049	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	402068.9	3781049	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	402088.9	3781049	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	402108.9	3781049	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	402128.9	3781049	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	402148.9	3781049	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	402168.9	3781049	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	402188.9	3781049	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	402208.9	3781049	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	402228.9	3781049	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	402248.9	3781049	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	402268.9	3781049	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	402288.9	3781049	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	402308.9	3781049	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	402328.9	3781049	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	402348.9	3781049	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	402368.9	3781049	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	402388.9	3781049	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	402408.9	3781049	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	402428.9	3781049	1.27E-06	1.333333Y	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	402448.9	3781049	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	402468.9	3781049	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	402488.9	3781049	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	402508.9	3781049	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	401308.9	3781069	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	401328.9	3781069	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	401348.9	3781069	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	401368.9	3781069	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	401388.9	3781069	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	401408.9	3781069	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	401428.9	3781069	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	401448.9	3781069	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	401468.9	3781069	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	401488.9	3781069	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	401508.9	3781069	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	401528.9	3781069	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	401548.9	3781069	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

637 ALL	401568.9	3781069	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638 ALL	401588.9	3781069	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639 ALL	401608.9	3781069	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640 ALL	401628.9	3781069	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641 ALL	401648.9	3781069	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642 ALL	401668.9	3781069	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643 ALL	401688.9	3781069	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644 ALL	401708.9	3781069	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645 ALL	401728.9	3781069	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646 ALL	401748.9	3781069	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647 ALL	401768.9	3781069	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648 ALL	401788.9	3781069	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649 ALL	401808.9	3781069	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650 ALL	401828.9	3781069	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651 ALL	401848.9	3781069	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652 ALL	401868.9	3781069	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653 ALL	401888.9	3781069	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654 ALL	401908.9	3781069	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655 ALL	401928.9	3781069	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656 ALL	401948.9	3781069	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657 ALL	401968.9	3781069	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658 ALL	401988.9	3781069	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659 ALL	402008.9	3781069	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660 ALL	402028.9	3781069	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661 ALL	402048.9	3781069	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662 ALL	402068.9	3781069	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663 ALL	402088.9	3781069	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664 ALL	402108.9	3781069	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665 ALL	402128.9	3781069	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666 ALL	402148.9	3781069	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667 ALL	402168.9	3781069	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668 ALL	402188.9	3781069	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669 ALL	402208.9	3781069	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670 ALL	402228.9	3781069	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671 ALL	402248.9	3781069	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672 ALL	402268.9	3781069	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673 ALL	402288.9	3781069	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674 ALL	402308.9	3781069	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675 ALL	402328.9	3781069	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676 ALL	402348.9	3781069	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677 ALL	402368.9	3781069	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678 ALL	402388.9	3781069	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679 ALL	402408.9	3781069	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680 ALL	402428.9	3781069	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681 ALL	402448.9	3781069	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682 ALL	402468.9	3781069	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683 ALL	402488.9	3781069	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684 ALL	402508.9	3781069	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685 ALL	401308.9	3781089	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686 ALL	401328.9	3781089	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687 ALL	401348.9	3781089	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688 ALL	401368.9	3781089	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689 ALL	401388.9	3781089	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690 ALL	401408.9	3781089	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691 ALL	401428.9	3781089	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692 ALL	401448.9	3781089	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693 ALL	401468.9	3781089	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694 ALL	401488.9	3781089	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695 ALL	401508.9	3781089	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696 ALL	401528.9	3781089	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697 ALL	401548.9	3781089	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698 ALL	401568.9	3781089	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699 ALL	401588.9	3781089	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700 ALL	401608.9	3781089	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701 ALL	401628.9	3781089	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702 ALL	401648.9	3781089	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703 ALL	401668.9	3781089	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704 ALL	401688.9	3781089	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705 ALL	401708.9	3781089	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706 ALL	401728.9	3781089	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707 ALL	401748.9	3781089	1.91E-06	1.333333Y	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708 ALL	401768.9	3781089	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709 ALL	401788.9	3781089	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710 ALL	401808.9	3781089	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711 ALL	401828.9	3781089	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712 ALL	401848.9	3781089	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713 ALL	401868.9	3781089	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714 ALL	401888.9	3781089	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715 ALL	401908.9	3781089	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716 ALL	401928.9	3781089	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717 ALL	401948.9	3781089	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718 ALL	401968.9	3781089	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719 ALL	401988.9	3781089	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720 ALL	402008.9	3781089	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721 ALL	402028.9	3781089	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722 ALL	402048.9	3781089	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723 ALL	402068.9	3781089	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724 ALL	402088.9	3781089	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725 ALL	402108.9	3781089	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726 ALL	402128.9	3781089	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727 ALL	402148.9	3781089	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

728 ALL	402168.9	3781089	1.77E-06	1.333333Y|	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729 ALL	402188.9	3781089	1.74E-06	1.333333Y|	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730 ALL	402208.9	3781089	1.71E-06	1.333333Y|	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731 ALL	402228.9	3781089	1.68E-06	1.333333Y|	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732 ALL	402248.9	3781089	1.65E-06	1.333333Y|	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733 ALL	402268.9	3781089	1.62E-06	1.333333Y|	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734 ALL	402288.9	3781089	1.59E-06	1.333333Y|	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735 ALL	402308.9	3781089	1.55E-06	1.333333Y|	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736 ALL	402328.9	3781089	1.52E-06	1.333333Y|	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737 ALL	402348.9	3781089	1.49E-06	1.333333Y|	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738 ALL	402368.9	3781089	1.46E-06	1.333333Y|	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739 ALL	402388.9	3781089	1.43E-06	1.333333Y|	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740 ALL	402408.9	3781089	1.39E-06	1.333333Y|	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741 ALL	402428.9	3781089	1.36E-06	1.333333Y|	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742 ALL	402448.9	3781089	1.33E-06	1.333333Y|	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743 ALL	402468.9	3781089	1.30E-06	1.333333Y|	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744 ALL	402488.9	3781089	1.27E-06	1.333333Y|	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745 ALL	402508.9	3781089	1.24E-06	1.333333Y|	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746 ALL	401308.9	3781109	1.27E-06	1.333333Y|	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747 ALL	401328.9	3781109	1.30E-06	1.333333Y|	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748 ALL	401348.9	3781109	1.33E-06	1.333333Y|	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749 ALL	401368.9	3781109	1.37E-06	1.333333Y|	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750 ALL	401388.9	3781109	1.40E-06	1.333333Y|	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751 ALL	401408.9	3781109	1.44E-06	1.333333Y|	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752 ALL	401428.9	3781109	1.48E-06	1.333333Y|	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753 ALL	401448.9	3781109	1.51E-06	1.333333Y|	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754 ALL	401468.9	3781109	1.55E-06	1.333333Y|	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755 ALL	401488.9	3781109	1.59E-06	1.333333Y|	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756 ALL	401508.9	3781109	1.62E-06	1.333333Y|	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757 ALL	401528.9	3781109	1.66E-06	1.333333Y|	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758 ALL	401548.9	3781109	1.69E-06	1.333333Y|	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759 ALL	401568.9	3781109	1.73E-06	1.333333Y|	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760 ALL	401588.9	3781109	1.77E-06	1.333333Y|	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761 ALL	401608.9	3781109	1.81E-06	1.333333Y|	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762 ALL	401628.9	3781109	1.84E-06	1.333333Y|	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763 ALL	401648.9	3781109	1.88E-06	1.333333Y|	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764 ALL	401668.9	3781109	1.92E-06	1.333333Y|	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765 ALL	401688.9	3781109	1.95E-06	1.333333Y|	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766 ALL	401708.9	3781109	1.96E-06	1.333333Y|	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767 ALL	401728.9	3781109	1.99E-06	1.333333Y|	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768 ALL	401748.9	3781109	2.01E-06	1.333333Y|	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769 ALL	401768.9	3781109	2.04E-06	1.333333Y|	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770 ALL	401788.9	3781109	2.06E-06	1.333333Y|	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771 ALL	401808.9	3781109	2.07E-06	1.333333Y|	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772 ALL	401828.9	3781109	2.09E-06	1.333333Y|	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773 ALL	401848.9	3781109	2.10E-06	1.333333Y|	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774 ALL	401868.9	3781109	2.11E-06	1.333333Y|	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775 ALL	401888.9	3781109	2.11E-06	1.333333Y|	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776 ALL	401908.9	3781109	2.11E-06	1.333333Y|	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777 ALL	401928.9	3781109	2.11E-06	1.333333Y|	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778 ALL	401948.9	3781109	2.11E-06	1.333333Y|	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779 ALL	401968.9	3781109	2.09E-06	1.333333Y|	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780 ALL	401988.9	3781109	2.07E-06	1.333333Y|	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781 ALL	402008.9	3781109	2.06E-06	1.333333Y|	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782 ALL	402028.9	3781109	2.04E-06	1.333333Y|	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783 ALL	402048.9	3781109	2.03E-06	1.333333Y|	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784 ALL	402068.9	3781109	2.00E-06	1.333333Y|	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785 ALL	402088.9	3781109	1.98E-06	1.333333Y|	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786 ALL	402108.9	3781109	1.95E-06	1.333333Y|	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787 ALL	402128.9	3781109	1.92E-06	1.333333Y|	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788 ALL	402148.9	3781109	1.89E-06	1.333333Y|	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789 ALL	402168.9	3781109	1.86E-06	1.333333Y|	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790 ALL	402188.9	3781109	1.83E-06	1.333333Y|	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791 ALL	402208.9	3781109	1.79E-06	1.333333Y|	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792 ALL	402228.9	3781109	1.76E-06	1.333333Y|	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793 ALL	402248.9	3781109	1.73E-06	1.333333Y|	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794 ALL	402268.9	3781109	1.69E-06	1.333333Y|	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795 ALL	402288.9	3781109	1.66E-06	1.333333Y|	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796 ALL	402308.9	3781109	1.62E-06	1.333333Y|	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797 ALL	402328.9	3781109	1.59E-06	1.333333Y|	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798 ALL	402348.9	3781109	1.55E-06	1.333333Y|	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799 ALL	402368.9	3781109	1.52E-06	1.333333Y|	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800 ALL	402388.9	3781109	1.48E-06	1.333333Y|	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801 ALL	402408.9	3781109	1.45E-06	1.333333Y|	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802 ALL	402428.9	3781109	1.41E-06	1.333333Y|	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803 ALL	402448.9	3781109	1.38E-06	1.333333Y|	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804 ALL	402468.9	3781109	1.34E-06	1.333333Y|	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805 ALL	402488.9	3781109	1.31E-06	1.333333Y|	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806 ALL	402508.9	3781109	1.28E-06	1.333333Y|	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807 ALL	401308.9	3781129	1.31E-06	1.333333Y|	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808 ALL	401328.9	3781129	1.34E-06	1.333333Y|	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809 ALL	401348.9	3781129	1.38E-06	1.333333Y|	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810 ALL	401368.9	3781129	1.41E-06	1.333333Y|	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811 ALL	401388.9	3781129	1.45E-06	1.333333Y|	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812 ALL	401408.9	3781129	1.49E-06	1.333333Y|	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813 ALL	401428.9	3781129	1.53E-06	1.333333Y|	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814 ALL	401448.9	3781129	1.57E-06	1.333333Y|	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815 ALL	401468.9	3781129	1.61E-06	1.333333Y|	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816 ALL	401488.9	3781129	1.65E-06	1.333333Y|	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817 ALL	401508.9	3781129	1.69E-06	1.333333Y|	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818 ALL	401528.9	3781129	1.73E-06	1.333333Y|	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

819 ALL	401548.9	3781129	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820 ALL	401568.9	3781129	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821 ALL	401588.9	3781129	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822 ALL	401608.9	3781129	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823 ALL	401628.9	3781129	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824 ALL	401648.9	3781129	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825 ALL	401668.9	3781129	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826 ALL	401688.9	3781129	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827 ALL	401708.9	3781129	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828 ALL	401728.9	3781129	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829 ALL	401748.9	3781129	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830 ALL	401768.9	3781129	2.15E-06	1.333333Y	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831 ALL	401788.9	3781129	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832 ALL	401808.9	3781129	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833 ALL	401828.9	3781129	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834 ALL	401848.9	3781129	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835 ALL	401868.9	3781129	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836 ALL	401888.9	3781129	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837 ALL	401908.9	3781129	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838 ALL	401928.9	3781129	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839 ALL	401948.9	3781129	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840 ALL	401968.9	3781129	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841 ALL	401988.9	3781129	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842 ALL	402008.9	3781129	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843 ALL	402028.9	3781129	2.16E-06	1.333333Y	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844 ALL	402048.9	3781129	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845 ALL	402068.9	3781129	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846 ALL	402088.9	3781129	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847 ALL	402108.9	3781129	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848 ALL	402128.9	3781129	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849 ALL	402148.9	3781129	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850 ALL	402168.9	3781129	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851 ALL	402188.9	3781129	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852 ALL	402208.9	3781129	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853 ALL	402228.9	3781129	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854 ALL	402248.9	3781129	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855 ALL	402268.9	3781129	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856 ALL	402288.9	3781129	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857 ALL	402308.9	3781129	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858 ALL	402328.9	3781129	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859 ALL	402348.9	3781129	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860 ALL	402368.9	3781129	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861 ALL	402388.9	3781129	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862 ALL	402408.9	3781129	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863 ALL	402428.9	3781129	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864 ALL	402448.9	3781129	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865 ALL	402468.9	3781129	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866 ALL	402488.9	3781129	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867 ALL	402508.9	3781129	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868 ALL	401308.9	3781149	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869 ALL	401328.9	3781149	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870 ALL	401348.9	3781149	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871 ALL	401368.9	3781149	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872 ALL	401388.9	3781149	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873 ALL	401408.9	3781149	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874 ALL	401428.9	3781149	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875 ALL	401448.9	3781149	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876 ALL	401468.9	3781149	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877 ALL	401488.9	3781149	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878 ALL	401508.9	3781149	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879 ALL	401528.9	3781149	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880 ALL	401548.9	3781149	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881 ALL	401568.9	3781149	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882 ALL	401588.9	3781149	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883 ALL	401608.9	3781149	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884 ALL	401628.9	3781149	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885 ALL	401648.9	3781149	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886 ALL	401668.9	3781149	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887 ALL	401688.9	3781149	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888 ALL	401708.9	3781149	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889 ALL	401728.9	3781149	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890 ALL	401748.9	3781149	2.25E-06	1.333333Y	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891 ALL	401768.9	3781149	2.27E-06	1.333333Y	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892 ALL	401788.9	3781149	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893 ALL	401808.9	3781149	2.32E-06	1.333333Y	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894 ALL	401828.9	3781149	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895 ALL	401848.9	3781149	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896 ALL	401868.9	3781149	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897 ALL	401888.9	3781149	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898 ALL	401908.9	3781149	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899 ALL	401928.9	3781149	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900 ALL	401948.9	3781149	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901 ALL	401968.9	3781149	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902 ALL	401988.9	3781149	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903 ALL	402008.9	3781149	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904 ALL	402028.9	3781149	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905 ALL	402048.9	3781149	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906 ALL	402068.9	3781149	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907 ALL	402088.9	3781149	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908 ALL	402108.9	3781149	2.17E-06	1.333333Y	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909 ALL	402128.9	3781149	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

910 ALL	402148.9	3781149	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911 ALL	402168.9	3781149	2.06E-06	1.333333Y	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912 ALL	402188.9	3781149	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913 ALL	402208.9	3781149	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914 ALL	402228.9	3781149	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915 ALL	402248.9	3781149	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916 ALL	402268.9	3781149	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917 ALL	402288.9	3781149	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918 ALL	402308.9	3781149	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919 ALL	402328.9	3781149	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920 ALL	402348.9	3781149	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921 ALL	402368.9	3781149	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922 ALL	402388.9	3781149	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923 ALL	402408.9	3781149	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924 ALL	402428.9	3781149	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925 ALL	402448.9	3781149	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926 ALL	402468.9	3781149	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927 ALL	402488.9	3781149	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928 ALL	402508.9	3781149	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929 ALL	401308.9	3781169	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930 ALL	401328.9	3781169	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931 ALL	401348.9	3781169	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932 ALL	401368.9	3781169	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933 ALL	401388.9	3781169	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934 ALL	401408.9	3781169	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935 ALL	401428.9	3781169	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936 ALL	401448.9	3781169	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937 ALL	401468.9	3781169	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938 ALL	401488.9	3781169	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939 ALL	401508.9	3781169	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940 ALL	401528.9	3781169	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941 ALL	401548.9	3781169	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942 ALL	401568.9	3781169	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943 ALL	401588.9	3781169	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944 ALL	401608.9	3781169	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945 ALL	401628.9	3781169	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946 ALL	401648.9	3781169	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947 ALL	401668.9	3781169	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948 ALL	401688.9	3781169	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949 ALL	401708.9	3781169	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950 ALL	401728.9	3781169	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951 ALL	401748.9	3781169	2.38E-06	1.333333Y	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952 ALL	401768.9	3781169	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953 ALL	401788.9	3781169	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954 ALL	401808.9	3781169	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955 ALL	401828.9	3781169	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956 ALL	401848.9	3781169	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957 ALL	401868.9	3781169	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958 ALL	401888.9	3781169	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959 ALL	401908.9	3781169	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960 ALL	401928.9	3781169	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961 ALL	401948.9	3781169	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962 ALL	401968.9	3781169	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963 ALL	401988.9	3781169	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964 ALL	402008.9	3781169	2.45E-06	1.333333Y	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965 ALL	402028.9	3781169	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966 ALL	402048.9	3781169	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967 ALL	402068.9	3781169	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968 ALL	402088.9	3781169	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969 ALL	402108.9	3781169	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970 ALL	402128.9	3781169	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971 ALL	402148.9	3781169	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972 ALL	402168.9	3781169	2.17E-06	1.333333Y	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973 ALL	402188.9	3781169	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974 ALL	402208.9	3781169	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975 ALL	402228.9	3781169	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976 ALL	402248.9	3781169	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977 ALL	402268.9	3781169	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978 ALL	402288.9	3781169	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979 ALL	402308.9	3781169	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980 ALL	402328.9	3781169	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981 ALL	402348.9	3781169	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982 ALL	402368.9	3781169	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983 ALL	402388.9	3781169	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984 ALL	402408.9	3781169	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985 ALL	402428.9	3781169	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986 ALL	402448.9	3781169	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987 ALL	402468.9	3781169	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988 ALL	402488.9	3781169	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989 ALL	402508.9	3781169	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990 ALL	401308.9	3781189	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991 ALL	401328.9	3781189	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992 ALL	401348.9	3781189	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993 ALL	401368.9	3781189	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994 ALL	401388.9	3781189	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995 ALL	401408.9	3781189	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996 ALL	401428.9	3781189	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997 ALL	401448.9	3781189	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998 ALL	401468.9	3781189	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999 ALL	401488.9	3781189	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 ALL	401508.9	3781189	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1001	ALL	401528.9	3781189	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	401548.9	3781189	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	401568.9	3781189	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	401588.9	3781189	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	401608.9	3781189	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	401628.9	3781189	2.25E-06	1.333333Y	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL	401648.9	3781189	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	401668.9	3781189	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	401688.9	3781189	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL	401708.9	3781189	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	401728.9	3781189	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	401748.9	3781189	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	401768.9	3781189	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	401788.9	3781189	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	401808.9	3781189	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	401828.9	3781189	2.65E-06	1.333333Y	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	401848.9	3781189	2.67E-06	1.333333Y	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	401868.9	3781189	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	401888.9	3781189	2.69E-06	1.333333Y	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	401908.9	3781189	2.69E-06	1.333333Y	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	401928.9	3781189	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	401948.9	3781189	2.67E-06	1.333333Y	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	401968.9	3781189	2.66E-06	1.333333Y	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	401988.9	3781189	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	402008.9	3781189	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	402028.9	3781189	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	402048.9	3781189	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	402068.9	3781189	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	402088.9	3781189	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	402108.9	3781189	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	402128.9	3781189	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	402148.9	3781189	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	402168.9	3781189	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	402188.9	3781189	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	402208.9	3781189	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	402228.9	3781189	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	402248.9	3781189	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	402268.9	3781189	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	402288.9	3781189	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	402308.9	3781189	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	402328.9	3781189	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	402348.9	3781189	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	402368.9	3781189	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	402388.9	3781189	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	402408.9	3781189	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	402428.9	3781189	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	402448.9	3781189	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	402468.9	3781189	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	402488.9	3781189	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	402508.9	3781189	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	401308.9	3781209	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	401328.9	3781209	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	401348.9	3781209	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	401368.9	3781209	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL	401388.9	3781209	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	401408.9	3781209	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	401428.9	3781209	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	401448.9	3781209	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	401468.9	3781209	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	401488.9	3781209	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	401508.9	3781209	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	401528.9	3781209	2.06E-06	1.333333Y	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	401548.9	3781209	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	401568.9	3781209	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	401588.9	3781209	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	401608.9	3781209	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	401628.9	3781209	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	401648.9	3781209	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	401668.9	3781209	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	401688.9	3781209	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	401708.9	3781209	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	401728.9	3781209	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	401748.9	3781209	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	401768.9	3781209	2.72E-06	1.333333Y	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	401788.9	3781209	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	401808.9	3781209	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	401828.9	3781209	2.82E-06	1.333333Y	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	401848.9	3781209	2.85E-06	1.333333Y	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	401868.9	3781209	2.86E-06	1.333333Y	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	401888.9	3781209	2.87E-06	1.333333Y	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	401908.9	3781209	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	401928.9	3781209	2.87E-06	1.333333Y	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	401948.9	3781209	2.86E-06	1.333333Y	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	401968.9	3781209	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	401988.9	3781209	2.81E-06	1.333333Y	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	402008.9	3781209	2.77E-06	1.333333Y	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	402028.9	3781209	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	402048.9	3781209	2.72E-06	1.333333Y	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	402068.9	3781209	2.69E-06	1.333333Y	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	402088.9	3781209	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	402108.9	3781209	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1092 ALL	402128.9	3781209	2.54E-06	1.333333Y		2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093 ALL	402148.9	3781209	2.48E-06	1.333333Y		2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094 ALL	402168.9	3781209	2.43E-06	1.333333Y		2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095 ALL	402188.9	3781209	2.37E-06	1.333333Y		2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096 ALL	402208.9	3781209	2.31E-06	1.333333Y		2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097 ALL	402228.9	3781209	2.26E-06	1.333333Y		2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098 ALL	402248.9	3781209	2.20E-06	1.333333Y		2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099 ALL	402268.9	3781209	2.14E-06	1.333333Y		2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100 ALL	402288.9	3781209	2.08E-06	1.333333Y		2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101 ALL	402308.9	3781209	2.02E-06	1.333333Y		2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102 ALL	402328.9	3781209	1.97E-06	1.333333Y		1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103 ALL	402348.9	3781209	1.91E-06	1.333333Y		1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104 ALL	402368.9	3781209	1.86E-06	1.333333Y		1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105 ALL	402388.9	3781209	1.80E-06	1.333333Y		1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106 ALL	402408.9	3781209	1.75E-06	1.333333Y		1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107 ALL	402428.9	3781209	1.69E-06	1.333333Y		1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108 ALL	402448.9	3781209	1.64E-06	1.333333Y		1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109 ALL	402468.9	3781209	1.59E-06	1.333333Y		1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110 ALL	402488.9	3781209	1.54E-06	1.333333Y		1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111 ALL	402508.9	3781209	1.49E-06	1.333333Y		1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112 ALL	401308.9	3781229	1.53E-06	1.333333Y		1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113 ALL	401328.9	3781229	1.58E-06	1.333333Y		1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114 ALL	401348.9	3781229	1.63E-06	1.333333Y		1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115 ALL	401368.9	3781229	1.68E-06	1.333333Y		1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116 ALL	401388.9	3781229	1.73E-06	1.333333Y		1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117 ALL	401408.9	3781229	1.79E-06	1.333333Y		1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118 ALL	401428.9	3781229	1.85E-06	1.333333Y		1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119 ALL	401448.9	3781229	1.91E-06	1.333333Y		1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120 ALL	401468.9	3781229	1.97E-06	1.333333Y		1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121 ALL	401488.9	3781229	2.03E-06	1.333333Y		2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122 ALL	401508.9	3781229	2.09E-06	1.333333Y		2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123 ALL	401528.9	3781229	2.16E-06	1.333333Y		2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124 ALL	401548.9	3781229	2.21E-06	1.333333Y		2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125 ALL	401568.9	3781229	2.28E-06	1.333333Y		2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126 ALL	401588.9	3781229	2.35E-06	1.333333Y		2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127 ALL	401608.9	3781229	2.43E-06	1.333333Y		2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128 ALL	401628.9	3781229	2.49E-06	1.333333Y		2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129 ALL	401648.9	3781229	2.56E-06	1.333333Y		2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130 ALL	401668.9	3781229	2.62E-06	1.333333Y		2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131 ALL	401688.9	3781229	2.68E-06	1.333333Y		2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132 ALL	401708.9	3781229	2.74E-06	1.333333Y		2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133 ALL	401728.9	3781229	2.80E-06	1.333333Y		2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134 ALL	401748.9	3781229	2.85E-06	1.333333Y		2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135 ALL	401768.9	3781229	2.90E-06	1.333333Y		2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136 ALL	401788.9	3781229	2.95E-06	1.333333Y		2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137 ALL	401808.9	3781229	2.98E-06	1.333333Y		2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138 ALL	401828.9	3781229	3.02E-06	1.333333Y		3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139 ALL	401848.9	3781229	3.04E-06	1.333333Y		3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140 ALL	401868.9	3781229	3.06E-06	1.333333Y		3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141 ALL	401888.9	3781229	3.07E-06	1.333333Y		3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142 ALL	401908.9	3781229	3.08E-06	1.333333Y		3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143 ALL	401928.9	3781229	3.07E-06	1.333333Y		3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144 ALL	401948.9	3781229	3.06E-06	1.333333Y		3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145 ALL	401968.9	3781229	3.03E-06	1.333333Y		3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146 ALL	401988.9	3781229	3.00E-06	1.333333Y		3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147 ALL	402008.9	3781229	2.96E-06	1.333333Y		2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148 ALL	402028.9	3781229	2.94E-06	1.333333Y		2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149 ALL	402048.9	3781229	2.91E-06	1.333333Y		2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150 ALL	402068.9	3781229	2.87E-06	1.333333Y		2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151 ALL	402088.9	3781229	2.82E-06	1.333333Y		2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152 ALL	402108.9	3781229	2.76E-06	1.333333Y		2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153 ALL	402128.9	3781229	2.70E-06	1.333333Y		2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154 ALL	402148.9	3781229	2.64E-06	1.333333Y		2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155 ALL	402168.9	3781229	2.58E-06	1.333333Y		2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156 ALL	402188.9	3781229	2.51E-06	1.333333Y		2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157 ALL	402208.9	3781229	2.45E-06	1.333333Y		2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158 ALL	402228.9	3781229	2.38E-06	1.333333Y		2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159 ALL	402248.9	3781229	2.31E-06	1.333333Y		2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160 ALL	402268.9	3781229	2.25E-06	1.333333Y		2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161 ALL	402288.9	3781229	2.18E-06	1.333333Y		2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162 ALL	402308.9	3781229	2.12E-06	1.333333Y		2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163 ALL	402328.9	3781229	2.06E-06	1.333333Y		2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164 ALL	402348.9	3781229	2.00E-06	1.333333Y		2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165 ALL	402368.9	3781229	1.94E-06	1.333333Y		1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166 ALL	402388.9	3781229	1.87E-06	1.333333Y		1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167 ALL	402408.9	3781229	1.82E-06	1.333333Y		1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168 ALL	402428.9	3781229	1.76E-06	1.333333Y		1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169 ALL	402448.9	3781229	1.70E-06	1.333333Y		1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170 ALL	402468.9	3781229	1.65E-06	1.333333Y		1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171 ALL	402488.9	3781229	1.59E-06	1.333333Y		1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172 ALL	402508.9	3781229	1.54E-06	1.333333Y		1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173 ALL	401308.9	3781249	1.57E-06	1.333333Y		1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174 ALL	401328.9	3781249	1.63E-06	1.333333Y		1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175 ALL	401348.9	3781249	1.68E-06	1.333333Y		1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176 ALL	401368.9	3781249	1.74E-06	1.333333Y		1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177 ALL	401388.9	3781249	1.80E-06	1.333333Y		1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178 ALL	401408.9	3781249	1.86E-06	1.333333Y		1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179 ALL	401428.9	3781249	1.92E-06	1.333333Y		1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180 ALL	401448.9	3781249	1.99E-06	1.333333Y		1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181 ALL	401468.9	3781249	2.05E-06	1.333333Y		2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182 ALL	401488.9	3781249	2.12E-06	1.333333Y		2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1183 ALL	401508.9	3781249	2.19E-06	1.333333Y		2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184 ALL	401528.9	3781249	2.26E-06	1.333333Y		2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185 ALL	401548.9	3781249	2.32E-06	1.333333Y		2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186 ALL	401568.9	3781249	2.40E-06	1.333333Y		2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187 ALL	401588.9	3781249	2.48E-06	1.333333Y		2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188 ALL	401608.9	3781249	2.56E-06	1.333333Y		2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189 ALL	401628.9	3781249	2.63E-06	1.333333Y		2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190 ALL	401648.9	3781249	2.70E-06	1.333333Y		2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191 ALL	401668.9	3781249	2.77E-06	1.333333Y		2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192 ALL	401688.9	3781249	2.84E-06	1.333333Y		2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193 ALL	401708.9	3781249	2.91E-06	1.333333Y		2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194 ALL	401728.9	3781249	2.98E-06	1.333333Y		2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195 ALL	401748.9	3781249	3.05E-06	1.333333Y		3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196 ALL	401768.9	3781249	3.10E-06	1.333333Y		3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197 ALL	401788.9	3781249	3.15E-06	1.333333Y		3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198 ALL	401808.9	3781249	3.20E-06	1.333333Y		3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199 ALL	401828.9	3781249	3.23E-06	1.333333Y		3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200 ALL	401848.9	3781249	3.27E-06	1.333333Y		3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201 ALL	401868.9	3781249	3.28E-06	1.333333Y		3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202 ALL	401888.9	3781249	3.30E-06	1.333333Y		3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203 ALL	401908.9	3781249	3.31E-06	1.333333Y		3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204 ALL	401928.9	3781249	3.30E-06	1.333333Y		3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205 ALL	401948.9	3781249	3.28E-06	1.333333Y		3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206 ALL	401968.9	3781249	3.25E-06	1.333333Y		3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207 ALL	401988.9	3781249	3.22E-06	1.333333Y		3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208 ALL	402008.9	3781249	3.18E-06	1.333333Y		3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209 ALL	402028.9	3781249	3.15E-06	1.333333Y		3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210 ALL	402048.9	3781249	3.11E-06	1.333333Y		3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211 ALL	402068.9	3781249	3.06E-06	1.333333Y		3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212 ALL	402088.9	3781249	3.01E-06	1.333333Y		3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213 ALL	402108.9	3781249	2.94E-06	1.333333Y		2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214 ALL	402128.9	3781249	2.88E-06	1.333333Y		2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215 ALL	402148.9	3781249	2.81E-06	1.333333Y		2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216 ALL	402168.9	3781249	2.74E-06	1.333333Y		2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217 ALL	402188.9	3781249	2.67E-06	1.333333Y		2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218 ALL	402208.9	3781249	2.59E-06	1.333333Y		2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219 ALL	402228.9	3781249	2.52E-06	1.333333Y		2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220 ALL	402248.9	3781249	2.44E-06	1.333333Y		2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221 ALL	402268.9	3781249	2.37E-06	1.333333Y		2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222 ALL	402288.9	3781249	2.29E-06	1.333333Y		2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223 ALL	402308.9	3781249	2.22E-06	1.333333Y		2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224 ALL	402328.9	3781249	2.16E-06	1.333333Y		2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225 ALL	402348.9	3781249	2.09E-06	1.333333Y		2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226 ALL	402368.9	3781249	2.02E-06	1.333333Y		2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227 ALL	402388.9	3781249	1.96E-06	1.333333Y		1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228 ALL	402408.9	3781249	1.89E-06	1.333333Y		1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229 ALL	402428.9	3781249	1.83E-06	1.333333Y		1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230 ALL	402448.9	3781249	1.76E-06	1.333333Y		1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231 ALL	402468.9	3781249	1.70E-06	1.333333Y		1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232 ALL	402488.9	3781249	1.64E-06	1.333333Y		1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233 ALL	402508.9	3781249	1.59E-06	1.333333Y		1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234 ALL	401308.9	3781269	1.62E-06	1.333333Y		1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235 ALL	401328.9	3781269	1.68E-06	1.333333Y		1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236 ALL	401348.9	3781269	1.74E-06	1.333333Y		1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237 ALL	401368.9	3781269	1.80E-06	1.333333Y		1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238 ALL	401388.9	3781269	1.86E-06	1.333333Y		1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239 ALL	401408.9	3781269	1.93E-06	1.333333Y		1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240 ALL	401428.9	3781269	1.99E-06	1.333333Y		1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241 ALL	401448.9	3781269	2.06E-06	1.333333Y		2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242 ALL	401468.9	3781269	2.13E-06	1.333333Y		2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243 ALL	401488.9	3781269	2.21E-06	1.333333Y		2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244 ALL	401508.9	3781269	2.28E-06	1.333333Y		2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245 ALL	401528.9	3781269	2.36E-06	1.333333Y		2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246 ALL	401548.9	3781269	2.44E-06	1.333333Y		2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247 ALL	401568.9	3781269	2.52E-06	1.333333Y		2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248 ALL	401588.9	3781269	2.60E-06	1.333333Y		2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249 ALL	401608.9	3781269	2.69E-06	1.333333Y		2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250 ALL	401628.9	3781269	2.77E-06	1.333333Y		2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251 ALL	401648.9	3781269	2.86E-06	1.333333Y		2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252 ALL	401668.9	3781269	2.94E-06	1.333333Y		2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253 ALL	401688.9	3781269	3.02E-06	1.333333Y		3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254 ALL	401708.9	3781269	3.10E-06	1.333333Y		3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255 ALL	401728.9	3781269	3.18E-06	1.333333Y		3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256 ALL	401748.9	3781269	3.25E-06	1.333333Y		3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257 ALL	401768.9	3781269	3.32E-06	1.333333Y		3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258 ALL	401788.9	3781269	3.38E-06	1.333333Y		3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259 ALL	401808.9	3781269	3.43E-06	1.333333Y		3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260 ALL	401828.9	3781269	3.48E-06	1.333333Y		3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261 ALL	401848.9	3781269	3.51E-06	1.333333Y		3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262 ALL	401868.9	3781269	3.53E-06	1.333333Y		3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263 ALL	401888.9	3781269	3.55E-06	1.333333Y		3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264 ALL	401908.9	3781269	3.56E-06	1.333333Y		3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265 ALL	401928.9	3781269	3.56E-06	1.333333Y		3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266 ALL	401948.9	3781269	3.53E-06	1.333333Y		3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267 ALL	401968.9	3781269	3.50E-06	1.333333Y		3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268 ALL	401988.9	3781269	3.48E-06	1.333333Y		3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269 ALL	402008.9	3781269	3.43E-06	1.333333Y		3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270 ALL	402028.9	3781269	3.39E-06	1.333333Y		3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271 ALL	402048.9	3781269	3.35E-06	1.333333Y		3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272 ALL	402068.9	3781269	3.29E-06	1.333333Y		3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273 ALL	402088.9	3781269	3.22E-06	1.333333Y		3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1274	ALL	402108.9	3781269	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL	402128.9	3781269	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL	402148.9	3781269	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL	402168.9	3781269	2.91E-06	1.333333Y	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL	402188.9	3781269	2.83E-06	1.333333Y	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL	402208.9	3781269	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL	402228.9	3781269	2.66E-06	1.333333Y	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL	402248.9	3781269	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL	402268.9	3781269	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL	402288.9	3781269	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL	402308.9	3781269	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL	402328.9	3781269	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL	402348.9	3781269	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL	402368.9	3781269	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL	402388.9	3781269	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL	402408.9	3781269	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL	402428.9	3781269	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL	402448.9	3781269	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL	402468.9	3781269	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL	402488.9	3781269	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL	402508.9	3781269	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL	401308.9	3781289	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL	401328.9	3781289	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL	401348.9	3781289	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL	401368.9	3781289	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL	401388.9	3781289	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL	401408.9	3781289	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL	401428.9	3781289	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL	401448.9	3781289	2.15E-06	1.333333Y	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL	401468.9	3781289	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL	401488.9	3781289	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL	401508.9	3781289	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	ALL	401528.9	3781289	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL	401548.9	3781289	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL	401568.9	3781289	2.66E-06	1.333333Y	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL	401588.9	3781289	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL	401608.9	3781289	2.85E-06	1.333333Y	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL	401628.9	3781289	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL	401648.9	3781289	3.03E-06	1.333333Y	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	ALL	401668.9	3781289	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL	401688.9	3781289	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL	401708.9	3781289	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL	401728.9	3781289	3.40E-06	1.333333Y	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL	401748.9	3781289	3.49E-06	1.333333Y	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL	401768.9	3781289	3.56E-06	1.333333Y	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL	401788.9	3781289	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL	401808.9	3781289	3.70E-06	1.333333Y	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL	401828.9	3781289	3.76E-06	1.333333Y	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL	401848.9	3781289	3.80E-06	1.333333Y	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL	401868.9	3781289	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL	401888.9	3781289	3.85E-06	1.333333Y	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL	401908.9	3781289	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL	401928.9	3781289	3.84E-06	1.333333Y	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL	401948.9	3781289	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL	401968.9	3781289	3.79E-06	1.333333Y	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL	401988.9	3781289	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL	402008.9	3781289	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL	402028.9	3781289	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL	402048.9	3781289	3.60E-06	1.333333Y	3.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL	402068.9	3781289	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL	402088.9	3781289	3.47E-06	1.333333Y	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL	402108.9	3781289	3.38E-06	1.333333Y	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL	402128.9	3781289	3.29E-06	1.333333Y	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL	402148.9	3781289	3.20E-06	1.333333Y	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL	402168.9	3781289	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL	402188.9	3781289	3.01E-06	1.333333Y	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL	402208.9	3781289	2.92E-06	1.333333Y	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL	402228.9	3781289	2.82E-06	1.333333Y	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL	402248.9	3781289	2.73E-06	1.333333Y	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	ALL	402268.9	3781289	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL	402288.9	3781289	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL	402308.9	3781289	2.45E-06	1.333333Y	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL	402328.9	3781289	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL	402348.9	3781289	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL	402368.9	3781289	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL	402388.9	3781289	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL	402408.9	3781289	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	ALL	402428.9	3781289	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL	402448.9	3781289	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL	402468.9	3781289	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL	402488.9	3781289	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL	402508.9	3781289	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL	401308.9	3781309	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL	401328.9	3781309	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL	401348.9	3781309	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL	401368.9	3781309	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL	401388.9	3781309	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL	401408.9	3781309	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL	401428.9	3781309	2.15E-06	1.333333Y	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL	401448.9	3781309	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL	401468.9	3781309	2.32E-06	1.333333Y	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1365 ALL	401488.9	3781309	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366 ALL	401508.9	3781309	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367 ALL	401528.9	3781309	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368 ALL	401548.9	3781309	2.69E-06	1.333333Y	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369 ALL	401568.9	3781309	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370 ALL	401588.9	3781309	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371 ALL	401608.9	3781309	3.00E-06	1.333333Y	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372 ALL	401628.9	3781309	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373 ALL	401648.9	3781309	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374 ALL	401668.9	3781309	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375 ALL	401688.9	3781309	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376 ALL	401708.9	3781309	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377 ALL	401728.9	3781309	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378 ALL	401748.9	3781309	3.74E-06	1.333333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379 ALL	401768.9	3781309	3.84E-06	1.333333Y	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380 ALL	401788.9	3781309	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381 ALL	401808.9	3781309	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382 ALL	401828.9	3781309	4.06E-06	1.333333Y	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383 ALL	401848.9	3781309	4.10E-06	1.333333Y	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384 ALL	401868.9	3781309	4.14E-06	1.333333Y	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385 ALL	401888.9	3781309	4.17E-06	1.333333Y	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386 ALL	401908.9	3781309	4.18E-06	1.333333Y	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387 ALL	401928.9	3781309	4.16E-06	1.333333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388 ALL	401948.9	3781309	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389 ALL	401968.9	3781309	4.10E-06	1.333333Y	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390 ALL	401988.9	3781309	4.06E-06	1.333333Y	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391 ALL	402008.9	3781309	4.01E-06	1.333333Y	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392 ALL	402028.9	3781309	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393 ALL	402048.9	3781309	3.88E-06	1.333333Y	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394 ALL	402068.9	3781309	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395 ALL	402088.9	3781309	3.74E-06	1.333333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396 ALL	402108.9	3781309	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397 ALL	402128.9	3781309	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398 ALL	402148.9	3781309	3.44E-06	1.333333Y	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399 ALL	402168.9	3781309	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 ALL	402188.9	3781309	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401 ALL	402208.9	3781309	3.10E-06	1.333333Y	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402 ALL	402228.9	3781309	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403 ALL	402248.9	3781309	2.89E-06	1.333333Y	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404 ALL	402268.9	3781309	2.78E-06	1.333333Y	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405 ALL	402288.9	3781309	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406 ALL	402308.9	3781309	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407 ALL	402328.9	3781309	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408 ALL	402348.9	3781309	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409 ALL	402368.9	3781309	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410 ALL	402388.9	3781309	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411 ALL	402408.9	3781309	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412 ALL	402428.9	3781309	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413 ALL	402448.9	3781309	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414 ALL	402468.9	3781309	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415 ALL	402488.9	3781309	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416 ALL	402508.9	3781309	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417 ALL	401308.9	3781329	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418 ALL	401328.9	3781329	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419 ALL	401348.9	3781329	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420 ALL	401368.9	3781329	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421 ALL	401388.9	3781329	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422 ALL	401408.9	3781329	2.16E-06	1.333333Y	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423 ALL	401428.9	3781329	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424 ALL	401448.9	3781329	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425 ALL	401468.9	3781329	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426 ALL	401488.9	3781329	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427 ALL	401508.9	3781329	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428 ALL	401528.9	3781329	2.73E-06	1.333333Y	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429 ALL	401548.9	3781329	2.83E-06	1.333333Y	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430 ALL	401568.9	3781329	2.95E-06	1.333333Y	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431 ALL	401588.9	3781329	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432 ALL	401608.9	3781329	3.19E-06	1.333333Y	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433 ALL	401628.9	3781329	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434 ALL	401648.9	3781329	3.44E-06	1.333333Y	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435 ALL	401668.9	3781329	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436 ALL	401688.9	3781329	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437 ALL	401708.9	3781329	3.81E-06	1.333333Y	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438 ALL	401728.9	3781329	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439 ALL	401748.9	3781329	4.03E-06	1.333333Y	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440 ALL	401768.9	3781329	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441 ALL	401788.9	3781329	4.25E-06	1.333333Y	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442 ALL	401808.9	3781329	4.34E-06	1.333333Y	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443 ALL	401828.9	3781329	4.42E-06	1.333333Y	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444 ALL	401848.9	3781329	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445 ALL	401868.9	3781329	4.51E-06	1.333333Y	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446 ALL	401888.9	3781329	4.54E-06	1.333333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447 ALL	401908.9	3781329	4.55E-06	1.333333Y	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448 ALL	401928.9	3781329	4.55E-06	1.333333Y	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449 ALL	401948.9	3781329	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450 ALL	401968.9	3781329	4.50E-06	1.333333Y	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451 ALL	401988.9	3781329	4.44E-06	1.333333Y	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452 ALL	402008.9	3781329	4.38E-06	1.333333Y	4.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453 ALL	402028.9	3781329	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454 ALL	402048.9	3781329	4.21E-06	1.333333Y	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455 ALL	402068.9	3781329	4.14E-06	1.333333Y	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1456	ALL	402088.9	3781329	4.05E-06	1.333333Y	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	ALL	402108.9	3781329	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	ALL	402128.9	3781329	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	ALL	402148.9	3781329	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	ALL	402168.9	3781329	3.56E-06	1.333333Y	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	ALL	402188.9	3781329	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	ALL	402208.9	3781329	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	ALL	402228.9	3781329	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	ALL	402248.9	3781329	3.06E-06	1.333333Y	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	ALL	402268.9	3781329	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	ALL	402288.9	3781329	2.83E-06	1.333333Y	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	ALL	402308.9	3781329	2.72E-06	1.333333Y	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	ALL	402328.9	3781329	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	ALL	402348.9	3781329	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	ALL	402368.9	3781329	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	ALL	402388.9	3781329	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	ALL	402408.9	3781329	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	ALL	402428.9	3781329	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	ALL	402448.9	3781329	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	ALL	402468.9	3781329	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	ALL	402488.9	3781329	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	ALL	402508.9	3781329	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	ALL	401308.9	3781349	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	ALL	401328.9	3781349	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	ALL	401348.9	3781349	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	ALL	401368.9	3781349	2.06E-06	1.333333Y	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	ALL	401388.9	3781349	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	ALL	401408.9	3781349	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	ALL	401428.9	3781349	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	ALL	401448.9	3781349	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486	ALL	401468.9	3781349	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	ALL	401488.9	3781349	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	ALL	401508.9	3781349	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	ALL	401528.9	3781349	2.87E-06	1.333333Y	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	ALL	401548.9	3781349	2.97E-06	1.333333Y	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	ALL	401568.9	3781349	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	ALL	401588.9	3781349	3.24E-06	1.333333Y	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	ALL	401608.9	3781349	3.38E-06	1.333333Y	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	ALL	401628.9	3781349	3.52E-06	1.333333Y	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	ALL	401648.9	3781349	3.66E-06	1.333333Y	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	ALL	401668.9	3781349	3.80E-06	1.333333Y	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	ALL	401688.9	3781349	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	ALL	401708.9	3781349	4.09E-06	1.333333Y	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	ALL	401728.9	3781349	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	ALL	401748.9	3781349	4.36E-06	1.333333Y	4.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	ALL	401768.9	3781349	4.49E-06	1.333333Y	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	ALL	401788.9	3781349	4.60E-06	1.333333Y	4.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	ALL	401808.9	3781349	4.71E-06	1.333333Y	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	ALL	401828.9	3781349	4.81E-06	1.333333Y	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	ALL	401848.9	3781349	4.88E-06	1.333333Y	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	ALL	401868.9	3781349	4.93E-06	1.333333Y	4.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	ALL	401888.9	3781349	4.98E-06	1.333333Y	4.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	ALL	401908.9	3781349	4.99E-06	1.333333Y	4.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	ALL	401928.9	3781349	4.99E-06	1.333333Y	4.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	ALL	401948.9	3781349	4.97E-06	1.333333Y	4.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	ALL	401968.9	3781349	4.93E-06	1.333333Y	4.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	ALL	401988.9	3781349	4.86E-06	1.333333Y	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	ALL	402008.9	3781349	4.79E-06	1.333333Y	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	ALL	402028.9	3781349	4.70E-06	1.333333Y	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	ALL	402048.9	3781349	4.60E-06	1.333333Y	4.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	ALL	402068.9	3781349	4.50E-06	1.333333Y	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	ALL	402088.9	3781349	4.39E-06	1.333333Y	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	ALL	402108.9	3781349	4.26E-06	1.333333Y	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	ALL	402128.9	3781349	4.12E-06	1.333333Y	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	ALL	402148.9	3781349	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	ALL	402168.9	3781349	3.83E-06	1.333333Y	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	ALL	402188.9	3781349	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	ALL	402208.9	3781349	3.53E-06	1.333333Y	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	ALL	402228.9	3781349	3.39E-06	1.333333Y	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	ALL	402248.9	3781349	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	ALL	402268.9	3781349	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	ALL	402288.9	3781349	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	ALL	402308.9	3781349	2.86E-06	1.333333Y	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	ALL	402328.9	3781349	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	ALL	402348.9	3781349	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531	ALL	402368.9	3781349	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	ALL	402388.9	3781349	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	ALL	402408.9	3781349	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	ALL	402428.9	3781349	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	ALL	402448.9	3781349	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL	402468.9	3781349	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL	402488.9	3781349	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL	402508.9	3781349	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL	401308.9	3781369	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL	401328.9	3781369	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL	401348.9	3781369	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL	401368.9	3781369	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL	401388.9	3781369	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL	401408.9	3781369	2.32E-06	1.333333Y	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL	401428.9	3781369	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL	401448.9	3781369	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1547 ALL	401468.9	3781369	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548 ALL	401488.9	3781369	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549 ALL	401508.9	3781369	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550 ALL	401528.9	3781369	3.01E-06	1.333333Y	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551 ALL	401548.9	3781369	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552 ALL	401568.9	3781369	3.28E-06	1.333333Y	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553 ALL	401588.9	3781369	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554 ALL	401608.9	3781369	3.58E-06	1.333333Y	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555 ALL	401628.9	3781369	3.74E-06	1.333333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556 ALL	401648.9	3781369	3.90E-06	1.333333Y	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557 ALL	401668.9	3781369	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558 ALL	401688.9	3781369	4.24E-06	1.333333Y	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559 ALL	401708.9	3781369	4.41E-06	1.333333Y	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560 ALL	401728.9	3781369	4.57E-06	1.333333Y	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561 ALL	401748.9	3781369	4.73E-06	1.333333Y	4.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562 ALL	401768.9	3781369	4.89E-06	1.333333Y	4.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563 ALL	401788.9	3781369	5.03E-06	1.333333Y	5.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564 ALL	401808.9	3781369	5.16E-06	1.333333Y	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565 ALL	401828.9	3781369	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566 ALL	401848.9	3781369	5.36E-06	1.333333Y	5.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567 ALL	401868.9	3781369	5.42E-06	1.333333Y	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568 ALL	401888.9	3781369	5.47E-06	1.333333Y	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569 ALL	401908.9	3781369	5.49E-06	1.333333Y	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570 ALL	401928.9	3781369	5.50E-06	1.333333Y	5.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571 ALL	401948.9	3781369	5.48E-06	1.333333Y	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572 ALL	401968.9	3781369	5.44E-06	1.333333Y	5.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573 ALL	401988.9	3781369	5.34E-06	1.333333Y	5.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574 ALL	402008.9	3781369	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575 ALL	402028.9	3781369	5.15E-06	1.333333Y	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576 ALL	402048.9	3781369	5.02E-06	1.333333Y	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577 ALL	402068.9	3781369	4.90E-06	1.333333Y	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578 ALL	402088.9	3781369	4.77E-06	1.333333Y	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579 ALL	402108.9	3781369	4.63E-06	1.333333Y	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580 ALL	402128.9	3781369	4.47E-06	1.333333Y	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581 ALL	402148.9	3781369	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582 ALL	402168.9	3781369	4.13E-06	1.333333Y	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583 ALL	402188.9	3781369	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584 ALL	402208.9	3781369	3.77E-06	1.333333Y	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585 ALL	402228.9	3781369	3.61E-06	1.333333Y	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586 ALL	402248.9	3781369	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587 ALL	402268.9	3781369	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588 ALL	402288.9	3781369	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589 ALL	402308.9	3781369	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590 ALL	402328.9	3781369	2.89E-06	1.333333Y	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591 ALL	402348.9	3781369	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592 ALL	402368.9	3781369	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593 ALL	402388.9	3781369	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594 ALL	402408.9	3781369	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595 ALL	402428.9	3781369	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596 ALL	402448.9	3781369	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597 ALL	402468.9	3781369	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598 ALL	402488.9	3781369	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599 ALL	402508.9	3781369	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 ALL	401308.9	3781389	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601 ALL	401328.9	3781389	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602 ALL	401348.9	3781389	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603 ALL	401368.9	3781389	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604 ALL	401388.9	3781389	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605 ALL	401408.9	3781389	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606 ALL	401428.9	3781389	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607 ALL	401448.9	3781389	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608 ALL	401468.9	3781389	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609 ALL	401488.9	3781389	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610 ALL	401508.9	3781389	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611 ALL	401528.9	3781389	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612 ALL	401548.9	3781389	3.29E-06	1.333333Y	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613 ALL	401568.9	3781389	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614 ALL	401588.9	3781389	3.63E-06	1.333333Y	3.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615 ALL	401608.9	3781389	3.80E-06	1.333333Y	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616 ALL	401628.9	3781389	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617 ALL	401648.9	3781389	4.16E-06	1.333333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618 ALL	401668.9	3781389	4.37E-06	1.333333Y	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619 ALL	401688.9	3781389	4.57E-06	1.333333Y	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620 ALL	401708.9	3781389	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1621 ALL	401728.9	3781389	4.97E-06	1.333333Y	4.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622 ALL	401748.9	3781389	5.15E-06	1.333333Y	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623 ALL	401768.9	3781389	5.34E-06	1.333333Y	5.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624 ALL	401788.9	3781389	5.51E-06	1.333333Y	5.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625 ALL	401808.9	3781389	5.67E-06	1.333333Y	5.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626 ALL	401828.9	3781389	5.80E-06	1.333333Y	5.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627 ALL	401848.9	3781389	5.92E-06	1.333333Y	5.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628 ALL	401868.9	3781389	5.99E-06	1.333333Y	5.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629 ALL	401888.9	3781389	6.08E-06	1.333333Y	6.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630 ALL	401908.9	3781389	6.10E-06	1.333333Y	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631 ALL	401928.9	3781389	6.08E-06	1.333333Y	6.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632 ALL	401948.9	3781389	6.08E-06	1.333333Y	6.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633 ALL	401968.9	3781389	6.01E-06	1.333333Y	6.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634 ALL	401988.9	3781389	5.93E-06	1.333333Y	5.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635 ALL	402008.9	3781389	5.81E-06	1.333333Y	5.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636 ALL	402028.9	3781389	5.69E-06	1.333333Y	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637 ALL	402048.9	3781389	5.54E-06	1.333333Y	5.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1638 ALL	402068.9	3781389	5.40E-06	1.333333Y	5.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639 ALL	402088.9	3781389	5.23E-06	1.333333Y	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640 ALL	402108.9	3781389	5.06E-06	1.333333Y	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641 ALL	402128.9	3781389	4.87E-06	1.333333Y	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642 ALL	402148.9	3781389	4.67E-06	1.333333Y	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643 ALL	402168.9	3781389	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644 ALL	402188.9	3781389	4.26E-06	1.333333Y	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645 ALL	402208.9	3781389	4.05E-06	1.333333Y	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646 ALL	402228.9	3781389	3.87E-06	1.333333Y	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647 ALL	402248.9	3781389	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648 ALL	402268.9	3781389	3.51E-06	1.333333Y	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649 ALL	402288.9	3781389	3.35E-06	1.333333Y	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650 ALL	402308.9	3781389	3.19E-06	1.333333Y	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651 ALL	402328.9	3781389	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652 ALL	402348.9	3781389	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653 ALL	402368.9	3781389	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654 ALL	402388.9	3781389	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655 ALL	402408.9	3781389	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656 ALL	402428.9	3781389	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657 ALL	402448.9	3781389	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658 ALL	402468.9	3781389	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659 ALL	402488.9	3781389	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660 ALL	402508.9	3781389	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661 ALL	401308.9	3781409	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662 ALL	401328.9	3781409	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663 ALL	401348.9	3781409	2.17E-06	1.333333Y	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664 ALL	401368.9	3781409	2.27E-06	1.333333Y	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665 ALL	401388.9	3781409	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1666 ALL	401408.9	3781409	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667 ALL	401428.9	3781409	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668 ALL	401448.9	3781409	2.73E-06	1.333333Y	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669 ALL	401468.9	3781409	2.86E-06	1.333333Y	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670 ALL	401488.9	3781409	3.01E-06	1.333333Y	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671 ALL	401508.9	3781409	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672 ALL	401528.9	3781409	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673 ALL	401548.9	3781409	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674 ALL	401568.9	3781409	3.65E-06	1.333333Y	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675 ALL	401588.9	3781409	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676 ALL	401608.9	3781409	4.03E-06	1.333333Y	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677 ALL	401628.9	3781409	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678 ALL	401648.9	3781409	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1679 ALL	401668.9	3781409	4.69E-06	1.333333Y	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680 ALL	401688.9	3781409	4.92E-06	1.333333Y	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681 ALL	401708.9	3781409	5.16E-06	1.333333Y	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682 ALL	401728.9	3781409	5.40E-06	1.333333Y	5.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683 ALL	401748.9	3781409	5.62E-06	1.333333Y	5.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684 ALL	401768.9	3781409	5.84E-06	1.333333Y	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685 ALL	401788.9	3781409	6.06E-06	1.333333Y	6.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686 ALL	401808.9	3781409	6.25E-06	1.333333Y	6.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687 ALL	401828.9	3781409	6.43E-06	1.333333Y	6.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688 ALL	401848.9	3781409	6.57E-06	1.333333Y	6.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689 ALL	401868.9	3781409	6.66E-06	1.333333Y	6.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690 ALL	401888.9	3781409	6.76E-06	1.333333Y	6.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691 ALL	401908.9	3781409	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692 ALL	401928.9	3781409	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693 ALL	401948.9	3781409	6.78E-06	1.333333Y	6.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694 ALL	401968.9	3781409	6.72E-06	1.333333Y	6.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695 ALL	401988.9	3781409	6.62E-06	1.333333Y	6.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696 ALL	402008.9	3781409	6.48E-06	1.333333Y	6.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697 ALL	402028.9	3781409	6.32E-06	1.333333Y	6.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698 ALL	402048.9	3781409	6.14E-06	1.333333Y	6.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699 ALL	402068.9	3781409	5.95E-06	1.333333Y	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700 ALL	402088.9	3781409	5.74E-06	1.333333Y	5.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701 ALL	402108.9	3781409	5.54E-06	1.333333Y	5.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702 ALL	402128.9	3781409	5.33E-06	1.333333Y	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703 ALL	402148.9	3781409	5.08E-06	1.333333Y	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704 ALL	402168.9	3781409	4.83E-06	1.333333Y	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705 ALL	402188.9	3781409	4.59E-06	1.333333Y	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706 ALL	402208.9	3781409	4.35E-06	1.333333Y	4.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707 ALL	402228.9	3781409	4.14E-06	1.333333Y	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708 ALL	402248.9	3781409	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709 ALL	402268.9	3781409	3.74E-06	1.333333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710 ALL	402288.9	3781409	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1711 ALL	402308.9	3781409	3.37E-06	1.333333Y	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712 ALL	402328.9	3781409	3.20E-06	1.333333Y	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713 ALL	402348.9	3781409	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714 ALL	402368.9	3781409	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715 ALL	402388.9	3781409	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716 ALL	402408.9	3781409	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717 ALL	402428.9	3781409	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718 ALL	402448.9	3781409	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719 ALL	402468.9	3781409	2.28E-06	1.333333Y	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720 ALL	402488.9	3781409	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721 ALL	402508.9	3781409	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722 ALL	401308.9	3781429	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723 ALL	401328.9	3781429	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724 ALL	401348.9	3781429	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725 ALL	401368.9	3781429	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726 ALL	401388.9	3781429	2.45E-06	1.333333Y	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727 ALL	401408.9	3781429	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728 ALL	401428.9	3781429	2.71E-06	1.333333Y	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1729 ALL	401448.9	3781429	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730 ALL	401468.9	3781429	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731 ALL	401488.9	3781429	3.14E-06	1.333333Y	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732 ALL	401508.9	3781429	3.30E-06	1.333333Y	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733 ALL	401528.9	3781429	3.48E-06	1.333333Y	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734 ALL	401548.9	3781429	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735 ALL	401568.9	3781429	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736 ALL	401588.9	3781429	4.09E-06	1.333333Y	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737 ALL	401608.9	3781429	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738 ALL	401628.9	3781429	4.54E-06	1.333333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739 ALL	401648.9	3781429	4.79E-06	1.333333Y	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740 ALL	401668.9	3781429	5.06E-06	1.333333Y	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741 ALL	401688.9	3781429	5.31E-06	1.333333Y	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742 ALL	401708.9	3781429	5.59E-06	1.333333Y	5.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743 ALL	401728.9	3781429	5.87E-06	1.333333Y	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744 ALL	401748.9	3781429	6.16E-06	1.333333Y	6.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745 ALL	401768.9	3781429	6.45E-06	1.333333Y	6.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746 ALL	401788.9	3781429	6.71E-06	1.333333Y	6.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747 ALL	401808.9	3781429	6.95E-06	1.333333Y	6.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748 ALL	401828.9	3781429	7.17E-06	1.333333Y	7.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749 ALL	401848.9	3781429	7.35E-06	1.333333Y	7.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750 ALL	401868.9	3781429	7.48E-06	1.333333Y	7.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751 ALL	401888.9	3781429	7.60E-06	1.333333Y	7.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752 ALL	401908.9	3781429	7.67E-06	1.333333Y	7.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753 ALL	401928.9	3781429	7.72E-06	1.333333Y	7.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754 ALL	401948.9	3781429	7.71E-06	1.333333Y	7.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755 ALL	401968.9	3781429	7.60E-06	1.333333Y	7.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756 ALL	401988.9	3781429	7.47E-06	1.333333Y	7.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757 ALL	402008.9	3781429	7.27E-06	1.333333Y	7.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758 ALL	402028.9	3781429	7.07E-06	1.333333Y	7.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759 ALL	402048.9	3781429	6.86E-06	1.333333Y	6.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760 ALL	402068.9	3781429	6.60E-06	1.333333Y	6.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761 ALL	402088.9	3781429	6.35E-06	1.333333Y	6.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762 ALL	402108.9	3781429	6.10E-06	1.333333Y	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763 ALL	402128.9	3781429	5.83E-06	1.333333Y	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764 ALL	402148.9	3781429	5.55E-06	1.333333Y	5.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765 ALL	402168.9	3781429	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766 ALL	402188.9	3781429	4.96E-06	1.333333Y	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767 ALL	402208.9	3781429	4.69E-06	1.333333Y	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768 ALL	402228.9	3781429	4.43E-06	1.333333Y	4.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769 ALL	402248.9	3781429	4.19E-06	1.333333Y	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770 ALL	402268.9	3781429	3.97E-06	1.333333Y	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771 ALL	402288.9	3781429	3.76E-06	1.333333Y	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772 ALL	402308.9	3781429	3.56E-06	1.333333Y	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773 ALL	402328.9	3781429	3.37E-06	1.333333Y	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774 ALL	402348.9	3781429	3.19E-06	1.333333Y	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775 ALL	402368.9	3781429	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776 ALL	402388.9	3781429	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777 ALL	402408.9	3781429	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778 ALL	402428.9	3781429	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779 ALL	402448.9	3781429	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780 ALL	402468.9	3781429	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781 ALL	402488.9	3781429	2.27E-06	1.333333Y	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782 ALL	402508.9	3781429	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783 ALL	401308.9	3781449	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784 ALL	401328.9	3781449	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785 ALL	401348.9	3781449	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786 ALL	401368.9	3781449	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787 ALL	401388.9	3781449	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788 ALL	401408.9	3781449	2.66E-06	1.333333Y	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789 ALL	401428.9	3781449	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790 ALL	401448.9	3781449	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791 ALL	401468.9	3781449	3.10E-06	1.333333Y	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792 ALL	401488.9	3781449	3.28E-06	1.333333Y	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793 ALL	401508.9	3781449	3.45E-06	1.333333Y	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794 ALL	401528.9	3781449	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795 ALL	401548.9	3781449	3.83E-06	1.333333Y	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796 ALL	401568.9	3781449	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797 ALL	401588.9	3781449	4.33E-06	1.333333Y	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798 ALL	401608.9	3781449	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799 ALL	401628.9	3781449	4.85E-06	1.333333Y	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 ALL	401648.9	3781449	5.14E-06	1.333333Y	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1801 ALL	401668.9	3781449	5.45E-06	1.333333Y	5.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802 ALL	401688.9	3781449	5.78E-06	1.333333Y	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803 ALL	401708.9	3781449	6.10E-06	1.333333Y	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804 ALL	401728.9	3781449	6.44E-06	1.333333Y	6.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805 ALL	401748.9	3781449	6.80E-06	1.333333Y	6.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806 ALL	401768.9	3781449	7.14E-06	1.333333Y	7.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807 ALL	401788.9	3781449	7.47E-06	1.333333Y	7.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808 ALL	401808.9	3781449	7.77E-06	1.333333Y	7.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809 ALL	401828.9	3781449	8.04E-06	1.333333Y	8.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810 ALL	401848.9	3781449	8.29E-06	1.333333Y	8.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811 ALL	401868.9	3781449	8.47E-06	1.333333Y	8.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812 ALL	401888.9	3781449	8.63E-06	1.333333Y	8.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813 ALL	401908.9	3781449	8.71E-06	1.333333Y	8.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814 ALL	401928.9	3781449	8.77E-06	1.333333Y	8.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815 ALL	401948.9	3781449	8.70E-06	1.333333Y	8.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816 ALL	401968.9	3781449	8.61E-06	1.333333Y	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817 ALL	401988.9	3781449	8.44E-06	1.333333Y	8.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818 ALL	402008.9	3781449	8.23E-06	1.333333Y	8.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819 ALL	402028.9	3781449	8.01E-06	1.333333Y	8.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1820 ALL	402048.9	3781449	7.73E-06	1.333333Y	7.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821 ALL	402068.9	3781449	7.42E-06	1.333333Y	7.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822 ALL	402088.9	3781449	7.10E-06	1.333333Y	7.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823 ALL	402108.9	3781449	6.77E-06	1.333333Y	6.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824 ALL	402128.9	3781449	6.45E-06	1.333333Y	6.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825 ALL	402148.9	3781449	6.11E-06	1.333333Y	6.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826 ALL	402168.9	3781449	5.74E-06	1.333333Y	5.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827 ALL	402188.9	3781449	5.39E-06	1.333333Y	5.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828 ALL	402208.9	3781449	5.06E-06	1.333333Y	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829 ALL	402228.9	3781449	4.77E-06	1.333333Y	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830 ALL	402248.9	3781449	4.49E-06	1.333333Y	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831 ALL	402268.9	3781449	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832 ALL	402288.9	3781449	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833 ALL	402308.9	3781449	3.76E-06	1.333333Y	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834 ALL	402328.9	3781449	3.56E-06	1.333333Y	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835 ALL	402348.9	3781449	3.35E-06	1.333333Y	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836 ALL	402368.9	3781449	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837 ALL	402388.9	3781449	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838 ALL	402408.9	3781449	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839 ALL	402428.9	3781449	2.73E-06	1.333333Y	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840 ALL	402448.9	3781449	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841 ALL	402468.9	3781449	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842 ALL	402488.9	3781449	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843 ALL	402508.9	3781449	2.28E-06	1.333333Y	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844 ALL	401308.9	3781469	2.15E-06	1.333333Y	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845 ALL	401328.9	3781469	2.25E-06	1.333333Y	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1846 ALL	401348.9	3781469	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847 ALL	401368.9	3781469	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848 ALL	401388.9	3781469	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849 ALL	401408.9	3781469	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850 ALL	401428.9	3781469	2.89E-06	1.333333Y	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851 ALL	401448.9	3781469	3.05E-06	1.333333Y	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852 ALL	401468.9	3781469	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853 ALL	401488.9	3781469	3.41E-06	1.333333Y	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854 ALL	401508.9	3781469	3.60E-06	1.333333Y	3.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855 ALL	401528.9	3781469	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856 ALL	401548.9	3781469	4.03E-06	1.333333Y	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857 ALL	401568.9	3781469	4.29E-06	1.333333Y	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858 ALL	401588.9	3781469	4.58E-06	1.333333Y	4.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859 ALL	401608.9	3781469	4.85E-06	1.333333Y	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860 ALL	401628.9	3781469	5.18E-06	1.333333Y	5.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861 ALL	401648.9	3781469	5.53E-06	1.333333Y	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862 ALL	401668.9	3781469	5.90E-06	1.333333Y	5.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863 ALL	401688.9	3781469	6.26E-06	1.333333Y	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864 ALL	401708.9	3781469	6.67E-06	1.333333Y	6.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865 ALL	401728.9	3781469	7.09E-06	1.333333Y	7.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866 ALL	401748.9	3781469	7.55E-06	1.333333Y	7.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867 ALL	401768.9	3781469	7.98E-06	1.333333Y	7.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868 ALL	401788.9	3781469	8.40E-06	1.333333Y	8.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869 ALL	401808.9	3781469	8.79E-06	1.333333Y	8.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870 ALL	401828.9	3781469	9.15E-06	1.333333Y	9.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1871 ALL	401848.9	3781469	9.47E-06	1.333333Y	9.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872 ALL	401868.9	3781469	9.70E-06	1.333333Y	9.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873 ALL	401888.9	3781469	9.91E-06	1.333333Y	9.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874 ALL	401908.9	3781469	1.00E-05	1.333333Y	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875 ALL	401928.9	3781469	9.99E-06	1.333333Y	9.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876 ALL	401948.9	3781469	9.96E-06	1.333333Y	9.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877 ALL	401968.9	3781469	9.87E-06	1.333333Y	9.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878 ALL	401988.9	3781469	9.67E-06	1.333333Y	9.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879 ALL	402008.9	3781469	9.42E-06	1.333333Y	9.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880 ALL	402028.9	3781469	9.13E-06	1.333333Y	9.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881 ALL	402048.9	3781469	8.78E-06	1.333333Y	8.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882 ALL	402068.9	3781469	8.38E-06	1.333333Y	8.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883 ALL	402088.9	3781469	7.98E-06	1.333333Y	7.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884 ALL	402108.9	3781469	7.57E-06	1.333333Y	7.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885 ALL	402128.9	3781469	7.16E-06	1.333333Y	7.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886 ALL	402148.9	3781469	6.72E-06	1.333333Y	6.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887 ALL	402168.9	3781469	6.30E-06	1.333333Y	6.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888 ALL	402188.9	3781469	5.89E-06	1.333333Y	5.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889 ALL	402208.9	3781469	5.48E-06	1.333333Y	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890 ALL	402228.9	3781469	5.14E-06	1.333333Y	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1891 ALL	402248.9	3781469	4.81E-06	1.333333Y	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892 ALL	402268.9	3781469	4.51E-06	1.333333Y	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893 ALL	402288.9	3781469	4.24E-06	1.333333Y	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894 ALL	402308.9	3781469	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895 ALL	402328.9	3781469	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896 ALL	402348.9	3781469	3.52E-06	1.333333Y	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897 ALL	402368.9	3781469	3.34E-06	1.333333Y	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898 ALL	402388.9	3781469	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899 ALL	402408.9	3781469	3.01E-06	1.333333Y	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 ALL	402428.9	3781469	2.86E-06	1.333333Y	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901 ALL	402448.9	3781469	2.71E-06	1.333333Y	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902 ALL	402468.9	3781469	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1903 ALL	402488.9	3781469	2.45E-06	1.333333Y	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904 ALL	402508.9	3781469	2.35E-06	1.333333Y	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905 ALL	401308.9	3781489	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906 ALL	401328.9	3781489	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907 ALL	401348.9	3781489	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908 ALL	401368.9	3781489	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909 ALL	401388.9	3781489	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910 ALL	401408.9	3781489	2.83E-06	1.333333Y	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1911 ALL	401428.9	3781489	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912 ALL	401448.9	3781489	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913 ALL	401468.9	3781489	3.34E-06	1.333333Y	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914 ALL	401488.9	3781489	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915 ALL	401508.9	3781489	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916 ALL	401528.9	3781489	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917 ALL	401548.9	3781489	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918 ALL	401568.9	3781489	4.52E-06	1.333333Y	4.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1919 ALL	401588.9	3781489	4.83E-06	1.333333Y	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920 ALL	401608.9	3781489	5.15E-06	1.333333Y	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921 ALL	401628.9	3781489	5.51E-06	1.333333Y	5.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922 ALL	401648.9	3781489	5.92E-06	1.333333Y	5.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923 ALL	401668.9	3781489	6.34E-06	1.333333Y	6.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924 ALL	401688.9	3781489	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925 ALL	401708.9	3781489	7.31E-06	1.333333Y	7.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926 ALL	401728.9	3781489	7.82E-06	1.333333Y	7.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927 ALL	401748.9	3781489	8.37E-06	1.333333Y	8.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928 ALL	401768.9	3781489	8.95E-06	1.333333Y	8.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929 ALL	401788.9	3781489	9.50E-06	1.333333Y	9.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930 ALL	401808.9	3781489	1.00E-05	1.333333Y	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931 ALL	401828.9	3781489	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932 ALL	401848.9	3781489	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933 ALL	401868.9	3781489	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934 ALL	401888.9	3781489	1.15E-05	1.333333Y	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935 ALL	401908.9	3781489	1.17E-05	1.333333Y	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1936 ALL	401928.9	3781489	1.17E-05	1.333333Y	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937 ALL	401948.9	3781489	1.16E-05	1.333333Y	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938 ALL	401968.9	3781489	1.15E-05	1.333333Y	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939 ALL	401988.9	3781489	1.13E-05	1.333333Y	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940 ALL	402008.9	3781489	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941 ALL	402028.9	3781489	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942 ALL	402048.9	3781489	1.01E-05	1.333333Y	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943 ALL	402068.9	3781489	9.58E-06	1.333333Y	9.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944 ALL	402088.9	3781489	9.04E-06	1.333333Y	9.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945 ALL	402108.9	3781489	8.53E-06	1.333333Y	8.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946 ALL	402128.9	3781489	7.97E-06	1.333333Y	7.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947 ALL	402148.9	3781489	7.56E-06	1.333333Y	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948 ALL	402168.9	3781489	7.04E-06	1.333333Y	7.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949 ALL	402188.9	3781489	6.52E-06	1.333333Y	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950 ALL	402208.9	3781489	5.95E-06	1.333333Y	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951 ALL	402228.9	3781489	5.53E-06	1.333333Y	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952 ALL	402248.9	3781489	5.15E-06	1.333333Y	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953 ALL	402268.9	3781489	4.81E-06	1.333333Y	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954 ALL	402288.9	3781489	4.52E-06	1.333333Y	4.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955 ALL	402308.9	3781489	4.22E-06	1.333333Y	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956 ALL	402328.9	3781489	3.96E-06	1.333333Y	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957 ALL	402348.9	3781489	3.72E-06	1.333333Y	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958 ALL	402368.9	3781489	3.52E-06	1.333333Y	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1959 ALL	402388.9	3781489	3.34E-06	1.333333Y	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960 ALL	402408.9	3781489	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961 ALL	402428.9	3781489	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962 ALL	402448.9	3781489	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963 ALL	402468.9	3781489	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964 ALL	402488.9	3781489	2.55E-06	1.333333Y	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965 ALL	402508.9	3781489	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966 ALL	401308.9	3781509	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1967 ALL	401328.9	3781509	2.35E-06	1.333333Y	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968 ALL	401348.9	3781509	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969 ALL	401368.9	3781509	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970 ALL	401388.9	3781509	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971 ALL	401408.9	3781509	2.91E-06	1.333333Y	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972 ALL	401428.9	3781509	3.08E-06	1.333333Y	3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973 ALL	401448.9	3781509	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974 ALL	401468.9	3781509	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975 ALL	401488.9	3781509	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976 ALL	401508.9	3781509	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977 ALL	401528.9	3781509	4.18E-06	1.333333Y	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978 ALL	401548.9	3781509	4.44E-06	1.333333Y	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979 ALL	401568.9	3781509	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980 ALL	401588.9	3781509	5.10E-06	1.333333Y	5.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1981 ALL	401608.9	3781509	5.47E-06	1.333333Y	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982 ALL	401628.9	3781509	5.88E-06	1.333333Y	5.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983 ALL	401648.9	3781509	6.35E-06	1.333333Y	6.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984 ALL	401668.9	3781509	6.86E-06	1.333333Y	6.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985 ALL	401688.9	3781509	7.40E-06	1.333333Y	7.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986 ALL	401708.9	3781509	8.03E-06	1.333333Y	8.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987 ALL	401728.9	3781509	8.73E-06	1.333333Y	8.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988 ALL	401748.9	3781509	9.37E-06	1.333333Y	9.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989 ALL	401768.9	3781509	1.01E-05	1.333333Y	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990 ALL	401788.9	3781509	1.08E-05	1.333333Y	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991 ALL	401808.9	3781509	1.15E-05	1.333333Y	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992 ALL	401828.9	3781509	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993 ALL	401848.9	3781509	1.28E-05	1.333333Y	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994 ALL	401868.9	3781509	1.32E-05	1.333333Y	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995 ALL	401888.9	3781509	1.36E-05	1.333333Y	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996 ALL	401908.9	3781509	1.38E-05	1.333333Y	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997 ALL	401928.9	3781509	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998 ALL	401948.9	3781509	1.36E-05	1.333333Y	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999 ALL	401968.9	3781509	1.35E-05	1.333333Y	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 ALL	401988.9	3781509	1.32E-05	1.333333Y	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001 ALL	402008.9	3781509	1.28E-05	1.333333Y	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2002 ALL	402028.9	3781509	1.23E-05	1.333333Y	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003 ALL	402048.9	3781509	1.17E-05	1.333333Y	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004 ALL	402068.9	3781509	1.11E-05	1.333333Y	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005 ALL	402088.9	3781509	1.04E-05	1.333333Y	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006 ALL	402108.9	3781509	9.69E-06	1.333333Y	9.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007 ALL	402128.9	3781509	8.99E-06	1.333333Y	8.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008 ALL	402148.9	3781509	8.38E-06	1.333333Y	8.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009 ALL	402168.9	3781509	7.72E-06	1.333333Y	7.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010 ALL	402188.9	3781509	7.11E-06	1.333333Y	7.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011 ALL	402208.9	3781509	6.46E-06	1.333333Y	6.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012 ALL	402228.9	3781509	5.97E-06	1.333333Y	5.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013 ALL	402248.9	3781509	5.52E-06	1.333333Y	5.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014 ALL	402268.9	3781509	5.12E-06	1.333333Y	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2015 ALL	402288.9	3781509	4.78E-06	1.333333Y	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016 ALL	402308.9	3781509	4.47E-06	1.333333Y	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017 ALL	402328.9	3781509	4.18E-06	1.333333Y	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018 ALL	402348.9	3781509	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019 ALL	402368.9	3781509	3.72E-06	1.333333Y	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2020 ALL	402388.9	3781509	3.51E-06	1.333333Y	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021 ALL	402408.9	3781509	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022 ALL	402428.9	3781509	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023 ALL	402448.9	3781509	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024 ALL	402468.9	3781509	2.82E-06	1.333333Y	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025 ALL	402488.9	3781509	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2026 ALL	402508.9	3781509	2.57E-06	1.333333Y	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027 ALL	401308.9	3781529	2.27E-06	1.333333Y	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028 ALL	401328.9	3781529	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029 ALL	401348.9	3781529	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030 ALL	401368.9	3781529	2.67E-06	1.333333Y	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031 ALL	401388.9	3781529	2.82E-06	1.333333Y	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032 ALL	401408.9	3781529	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033 ALL	401428.9	3781529	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034 ALL	401448.9	3781529	3.36E-06	1.333333Y	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035 ALL	401468.9	3781529	3.58E-06	1.333333Y	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036 ALL	401488.9	3781529	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037 ALL	401508.9	3781529	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038 ALL	401528.9	3781529	4.36E-06	1.333333Y	4.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039 ALL	401548.9	3781529	4.65E-06	1.333333Y	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040 ALL	401568.9	3781529	5.00E-06	1.333333Y	5.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041 ALL	401588.9	3781529	5.39E-06	1.333333Y	5.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042 ALL	401608.9	3781529	5.80E-06	1.333333Y	5.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043 ALL	401628.9	3781529	6.26E-06	1.333333Y	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044 ALL	401648.9	3781529	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045 ALL	401668.9	3781529	7.41E-06	1.333333Y	7.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046 ALL	401688.9	3781529	8.08E-06	1.333333Y	8.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047 ALL	401708.9	3781529	8.84E-06	1.333333Y	8.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048 ALL	401728.9	3781529	9.72E-06	1.333333Y	9.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049 ALL	401748.9	3781529	1.06E-05	1.333333Y	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050 ALL	401768.9	3781529	1.15E-05	1.333333Y	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051 ALL	401788.9	3781529	1.26E-05	1.333333Y	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052 ALL	401808.9	3781529	1.35E-05	1.333333Y	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053 ALL	401828.9	3781529	1.44E-05	1.333333Y	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054 ALL	401848.9	3781529	1.52E-05	1.333333Y	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055 ALL	401868.9	3781529	1.59E-05	1.333333Y	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056 ALL	401888.9	3781529	1.64E-05	1.333333Y	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057 ALL	401908.9	3781529	1.66E-05	1.333333Y	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058 ALL	401928.9	3781529	1.68E-05	1.333333Y	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059 ALL	401948.9	3781529	1.67E-05	1.333333Y	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060 ALL	401968.9	3781529	1.65E-05	1.333333Y	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061 ALL	401988.9	3781529	1.61E-05	1.333333Y	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062 ALL	402008.9	3781529	1.54E-05	1.333333Y	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2063 ALL	402028.9	3781529	1.47E-05	1.333333Y	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064 ALL	402048.9	3781529	1.39E-05	1.333333Y	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065 ALL	402068.9	3781529	1.31E-05	1.333333Y	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066 ALL	402088.9	3781529	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067 ALL	402108.9	3781529	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068 ALL	402128.9	3781529	1.02E-05	1.333333Y	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069 ALL	402148.9	3781529	9.35E-06	1.333333Y	9.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070 ALL	402168.9	3781529	8.51E-06	1.333333Y	8.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2071 ALL	402188.9	3781529	7.77E-06	1.333333Y	7.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072 ALL	402208.9	3781529	7.04E-06	1.333333Y	7.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073 ALL	402228.9	3781529	6.50E-06	1.333333Y	6.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074 ALL	402248.9	3781529	5.98E-06	1.333333Y	5.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075 ALL	402268.9	3781529	5.52E-06	1.333333Y	5.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076 ALL	402288.9	3781529	5.12E-06	1.333333Y	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077 ALL	402308.9	3781529	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078 ALL	402328.9	3781529	4.44E-06	1.333333Y	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079 ALL	402348.9	3781529	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080 ALL	402368.9	3781529	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081 ALL	402388.9	3781529	3.72E-06	1.333333Y	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082 ALL	402408.9	3781529	3.51E-06	1.333333Y	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083 ALL	402428.9	3781529	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084 ALL	402448.9	3781529	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085 ALL	402468.9	3781529	3.05E-06	1.333333Y	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086 ALL	402488.9	3781529	2.89E-06	1.333333Y	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087 ALL	402508.9	3781529	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088 ALL	401308.9	3781549	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089 ALL	401328.9	3781549	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090 ALL	401348.9	3781549	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091 ALL	401368.9	3781549	2.71E-06	1.333333Y	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092 ALL	401388.9	3781549	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2093 ALL	401408.9	3781549	3.05E-06	1.333333Y	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094 ALL	401428.9	3781549	3.24E-06	1.333333Y	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095 ALL	401448.9	3781549	3.45E-06	1.333333Y	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096 ALL	401468.9	3781549	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097 ALL	401488.9	3781549	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098 ALL	401508.9	3781549	4.21E-06	1.333333Y	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099 ALL	401528.9	3781549	4.53E-06	1.333333Y	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100 ALL	401548.9	3781549	4.85E-06	1.333333Y	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101 ALL	401568.9	3781549	5.24E-06	1.333333Y	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102 ALL	401588.9	3781549	5.68E-06	1.333333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103 ALL	401608.9	3781549	6.18E-06	1.333333Y	6.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104 ALL	401628.9	3781549	6.73E-06	1.333333Y	6.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105 ALL	401648.9	3781549	7.34E-06	1.333333Y	7.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106 ALL	401668.9	3781549	8.05E-06	1.333333Y	8.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107 ALL	401688.9	3781549	8.83E-06	1.333333Y	8.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108 ALL	401708.9	3781549	9.73E-06	1.333333Y	9.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109 ALL	401728.9	3781549	1.08E-05	1.333333Y	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110 ALL	401748.9	3781549	1.20E-05	1.333333Y	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2111 ALL	401768.9	3781549	1.34E-05	1.333333Y	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112 ALL	401788.9	3781549	1.48E-05	1.333333Y	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113 ALL	401808.9	3781549	1.63E-05	1.333333Y	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114 ALL	401828.9	3781549	1.76E-05	1.333333Y	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115 ALL	401848.9	3781549	1.88E-05	1.333333Y	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2116 ALL	401868.9	3781549	1.96E-05	1.333333Y	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117 ALL	401888.9	3781549	2.03E-05	1.333333Y	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118 ALL	401908.9	3781549	2.05E-05	1.333333Y	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119 ALL	401928.9	3781549	2.07E-05	1.333333Y	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120 ALL	401948.9	3781549	2.06E-05	1.333333Y	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2121 ALL	401968.9	3781549	2.02E-05	1.333333Y	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122 ALL	401988.9	3781549	1.97E-05	1.333333Y	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123 ALL	402008.9	3781549	1.90E-05	1.333333Y	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124 ALL	402028.9	3781549	1.82E-05	1.333333Y	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125 ALL	402048.9	3781549	1.71E-05	1.333333Y	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126 ALL	402068.9	3781549	1.58E-05	1.333333Y	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2127 ALL	402088.9	3781549	1.44E-05	1.333333Y	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128 ALL	402108.9	3781549	1.31E-05	1.333333Y	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129 ALL	402128.9	3781549	1.18E-05	1.333333Y	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130 ALL	402148.9	3781549	1.06E-05	1.333333Y	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131 ALL	402168.9	3781549	9.51E-06	1.333333Y	9.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132 ALL	402188.9	3781549	8.55E-06	1.333333Y	8.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133 ALL	402208.9	3781549	7.70E-06	1.333333Y	7.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134 ALL	402228.9	3781549	7.03E-06	1.333333Y	7.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135 ALL	402248.9	3781549	6.42E-06	1.333333Y	6.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136 ALL	402268.9	3781549	5.92E-06	1.333333Y	5.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137 ALL	402288.9	3781549	5.49E-06	1.333333Y	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138 ALL	402308.9	3781549	5.08E-06	1.333333Y	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139 ALL	402328.9	3781549	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140 ALL	402348.9	3781549	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141 ALL	402368.9	3781549	4.20E-06	1.333333Y	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142 ALL	402388.9	3781549	3.99E-06	1.333333Y	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143 ALL	402408.9	3781549	3.76E-06	1.333333Y	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144 ALL	402428.9	3781549	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145 ALL	402448.9	3781549	3.36E-06	1.333333Y	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146 ALL	402468.9	3781549	3.21E-06	1.333333Y	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147 ALL	402488.9	3781549	3.10E-06	1.333333Y	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148 ALL	402508.9	3781549	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149 ALL	401308.9	3781569	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150 ALL	401328.9	3781569	2.45E-06	1.333333Y	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151 ALL	401348.9	3781569	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152 ALL	401368.9	3781569	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153 ALL	401388.9	3781569	2.92E-06	1.333333Y	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154 ALL	401408.9	3781569	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155 ALL	401428.9	3781569	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156 ALL	401448.9	3781569	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157 ALL	401468.9	3781569	3.78E-06	1.333333Y	3.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158 ALL	401488.9	3781569	4.06E-06	1.333333Y	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2159 ALL	401508.9	3781569	4.36E-06	1.333333Y	4.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160 ALL	401528.9	3781569	4.69E-06	1.333333Y	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2161 ALL	401548.9	3781569	5.06E-06	1.333333Y	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162 ALL	401568.9	3781569	5.48E-06	1.333333Y	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163 ALL	401588.9	3781569	5.97E-06	1.333333Y	5.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164 ALL	401608.9	3781569	6.52E-06	1.333333Y	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165 ALL	401628.9	3781569	7.15E-06	1.333333Y	7.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166 ALL	401648.9	3781569	7.83E-06	1.333333Y	7.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167 ALL	401668.9	3781569	8.61E-06	1.333333Y	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168 ALL	401688.9	3781569	9.59E-06	1.333333Y	9.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169 ALL	401708.9	3781569	1.07E-05	1.333333Y	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170 ALL	401728.9	3781569	1.22E-05	1.333333Y	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171 ALL	401748.9	3781569	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172 ALL	401768.9	3781569	1.57E-05	1.333333Y	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173 ALL	401788.9	3781569	1.79E-05	1.333333Y	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174 ALL	401808.9	3781569	2.02E-05	1.333333Y	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175 ALL	401828.9	3781569	2.23E-05	1.333333Y	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176 ALL	401848.9	3781569	2.39E-05	1.333333Y	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177 ALL	401868.9	3781569	2.52E-05	1.333333Y	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178 ALL	401888.9	3781569	2.61E-05	1.333333Y	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179 ALL	401908.9	3781569	2.64E-05	1.333333Y	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180 ALL	401928.9	3781569	2.64E-05	1.333333Y	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181 ALL	401948.9	3781569	2.65E-05	1.333333Y	2.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182 ALL	401968.9	3781569	2.61E-05	1.333333Y	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2183 ALL	401988.9	3781569	2.53E-05	1.333333Y	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2184	ALL	402008.9	3781569	2.43E-05	1.333333Y	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185	ALL	402028.9	3781569	2.32E-05	1.333333Y	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186	ALL	402048.9	3781569	2.18E-05	1.333333Y	2.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187	ALL	402068.9	3781569	1.98E-05	1.333333Y	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188	ALL	402088.9	3781569	1.78E-05	1.333333Y	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189	ALL	402108.9	3781569	1.57E-05	1.333333Y	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190	ALL	402128.9	3781569	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191	ALL	402148.9	3781569	1.20E-05	1.333333Y	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192	ALL	402168.9	3781569	1.06E-05	1.333333Y	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193	ALL	402188.9	3781569	9.48E-06	1.333333Y	9.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194	ALL	402208.9	3781569	8.42E-06	1.333333Y	8.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195	ALL	402228.9	3781569	7.63E-06	1.333333Y	7.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196	ALL	402248.9	3781569	6.93E-06	1.333333Y	6.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197	ALL	402268.9	3781569	6.40E-06	1.333333Y	6.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198	ALL	402288.9	3781569	5.95E-06	1.333333Y	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199	ALL	402308.9	3781569	5.55E-06	1.333333Y	5.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200	ALL	402328.9	3781569	5.24E-06	1.333333Y	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201	ALL	402348.9	3781569	4.99E-06	1.333333Y	4.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202	ALL	402368.9	3781569	4.65E-06	1.333333Y	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203	ALL	402388.9	3781569	4.39E-06	1.333333Y	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204	ALL	402408.9	3781569	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205	ALL	402428.9	3781569	3.96E-06	1.333333Y	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2206	ALL	402448.9	3781569	3.74E-06	1.333333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2207	ALL	402468.9	3781569	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208	ALL	402488.9	3781569	3.45E-06	1.333333Y	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209	ALL	402508.9	3781569	3.30E-06	1.333333Y	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210	ALL	401308.9	3781589	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211	ALL	401328.9	3781589	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212	ALL	401348.9	3781589	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213	ALL	401368.9	3781589	2.78E-06	1.333333Y	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214	ALL	401388.9	3781589	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215	ALL	401408.9	3781589	3.14E-06	1.333333Y	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216	ALL	401428.9	3781589	3.35E-06	1.333333Y	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217	ALL	401448.9	3781589	3.60E-06	1.333333Y	3.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218	ALL	401468.9	3781589	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219	ALL	401488.9	3781589	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220	ALL	401508.9	3781589	4.49E-06	1.333333Y	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221	ALL	401528.9	3781589	4.85E-06	1.333333Y	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2222	ALL	401548.9	3781589	5.25E-06	1.333333Y	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223	ALL	401568.9	3781589	5.72E-06	1.333333Y	5.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224	ALL	401588.9	3781589	6.25E-06	1.333333Y	6.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225	ALL	401608.9	3781589	6.85E-06	1.333333Y	6.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226	ALL	401628.9	3781589	7.54E-06	1.333333Y	7.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227	ALL	401648.9	3781589	8.36E-06	1.333333Y	8.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228	ALL	401668.9	3781589	9.29E-06	1.333333Y	9.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229	ALL	401688.9	3781589	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230	ALL	401708.9	3781589	1.19E-05	1.333333Y	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231	ALL	401728.9	3781589	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232	ALL	401748.9	3781589	1.59E-05	1.333333Y	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233	ALL	401768.9	3781589	1.88E-05	1.333333Y	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234	ALL	401788.9	3781589	2.26E-05	1.333333Y	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235	ALL	401808.9	3781589	2.69E-05	1.333333Y	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236	ALL	401828.9	3781589	3.06E-05	1.333333Y	3.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237	ALL	401848.9	3781589	3.31E-05	1.333333Y	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238	ALL	401868.9	3781589	3.45E-05	1.333333Y	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2239	ALL	401888.9	3781589	3.59E-05	1.333333Y	3.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240	ALL	401908.9	3781589	3.62E-05	1.333333Y	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241	ALL	401928.9	3781589	3.61E-05	1.333333Y	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242	ALL	401948.9	3781589	3.61E-05	1.333333Y	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243	ALL	401968.9	3781589	3.56E-05	1.333333Y	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244	ALL	401988.9	3781589	3.46E-05	1.333333Y	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245	ALL	402008.9	3781589	3.33E-05	1.333333Y	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246	ALL	402028.9	3781589	3.16E-05	1.333333Y	3.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247	ALL	402048.9	3781589	2.94E-05	1.333333Y	2.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248	ALL	402068.9	3781589	2.67E-05	1.333333Y	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249	ALL	402088.9	3781589	2.34E-05	1.333333Y	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250	ALL	402108.9	3781589	1.96E-05	1.333333Y	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2251	ALL	402128.9	3781589	1.64E-05	1.333333Y	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252	ALL	402148.9	3781589	1.39E-05	1.333333Y	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253	ALL	402168.9	3781589	1.20E-05	1.333333Y	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254	ALL	402188.9	3781589	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2255	ALL	402208.9	3781589	9.32E-06	1.333333Y	9.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256	ALL	402228.9	3781589	8.40E-06	1.333333Y	8.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257	ALL	402248.9	3781589	7.70E-06	1.333333Y	7.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258	ALL	402268.9	3781589	7.24E-06	1.333333Y	7.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259	ALL	402288.9	3781589	6.82E-06	1.333333Y	6.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260	ALL	402308.9	3781589	6.34E-06	1.333333Y	6.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261	ALL	402328.9	3781589	5.85E-06	1.333333Y	5.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262	ALL	402348.9	3781589	5.53E-06	1.333333Y	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263	ALL	402368.9	3781589	5.21E-06	1.333333Y	5.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264	ALL	402388.9	3781589	4.83E-06	1.333333Y	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265	ALL	402408.9	3781589	4.71E-06	1.333333Y	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266	ALL	402428.9	3781589	4.34E-06	1.333333Y	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267	ALL	402448.9	3781589	4.24E-06	1.333333Y	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268	ALL	402468.9	3781589	4.04E-06	1.333333Y	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269	ALL	402488.9	3781589	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270	ALL	402508.9	3781589	3.71E-06	1.333333Y	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271	ALL	401308.9	3781609	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272	ALL	401328.9	3781609	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273	ALL	401348.9	3781609	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274	ALL	401368.9	3781609	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2275	ALL	401388.9	3781609	2.97E-06	1.333333Y	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276	ALL	401408.9	3781609	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277	ALL	401428.9	3781609	3.39E-06	1.333333Y	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278	ALL	401448.9	3781609	3.65E-06	1.333333Y	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279	ALL	401468.9	3781609	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280	ALL	401488.9	3781609	4.22E-06	1.333333Y	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281	ALL	401508.9	3781609	4.59E-06	1.333333Y	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282	ALL	401528.9	3781609	4.98E-06	1.333333Y	4.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283	ALL	401548.9	3781609	5.43E-06	1.333333Y	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284	ALL	401568.9	3781609	5.93E-06	1.333333Y	5.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285	ALL	401588.9	3781609	6.51E-06	1.333333Y	6.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286	ALL	401608.9	3781609	7.17E-06	1.333333Y	7.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287	ALL	401628.9	3781609	7.95E-06	1.333333Y	7.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288	ALL	401648.9	3781609	8.86E-06	1.333333Y	8.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289	ALL	401668.9	3781609	9.88E-06	1.333333Y	9.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290	ALL	401688.9	3781609	1.13E-05	1.333333Y	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291	ALL	401708.9	3781609	1.30E-05	1.333333Y	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292	ALL	401728.9	3781609	1.52E-05	1.333333Y	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293	ALL	401748.9	3781609	1.84E-05	1.333333Y	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294	ALL	401768.9	3781609	2.28E-05	1.333333Y	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2295	ALL	401788.9	3781609	2.99E-05	1.333333Y	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2296	ALL	401808.9	3781609	4.04E-05	1.333333Y	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297	ALL	401828.9	3781609	4.80E-05	1.333333Y	4.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298	ALL	401848.9	3781609	5.25E-05	1.333333Y	5.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299	ALL	401868.9	3781609	5.48E-05	1.333333Y	5.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300	ALL	401888.9	3781609	5.69E-05	1.333333Y	5.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301	ALL	401908.9	3781609	5.80E-05	1.333333Y	5.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302	ALL	401928.9	3781609	5.73E-05	1.333333Y	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2303	ALL	401948.9	3781609	5.72E-05	1.333333Y	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304	ALL	401968.9	3781609	5.62E-05	1.333333Y	5.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305	ALL	401988.9	3781609	5.52E-05	1.333333Y	5.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306	ALL	402008.9	3781609	5.31E-05	1.333333Y	5.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307	ALL	402028.9	3781609	5.05E-05	1.333333Y	5.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308	ALL	402048.9	3781609	4.75E-05	1.333333Y	4.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309	ALL	402068.9	3781609	4.35E-05	1.333333Y	4.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310	ALL	402088.9	3781609	3.63E-05	1.333333Y	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311	ALL	402108.9	3781609	2.62E-05	1.333333Y	2.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312	ALL	402128.9	3781609	1.99E-05	1.333333Y	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313	ALL	402148.9	3781609	1.64E-05	1.333333Y	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314	ALL	402168.9	3781609	1.38E-05	1.333333Y	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315	ALL	402188.9	3781609	1.18E-05	1.333333Y	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316	ALL	402208.9	3781609	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317	ALL	402228.9	3781609	9.23E-06	1.333333Y	9.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318	ALL	402248.9	3781609	8.62E-06	1.333333Y	8.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319	ALL	402268.9	3781609	7.56E-06	1.333333Y	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320	ALL	402288.9	3781609	6.75E-06	1.333333Y	6.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321	ALL	402308.9	3781609	6.13E-06	1.333333Y	6.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322	ALL	402328.9	3781609	5.64E-06	1.333333Y	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2323	ALL	402348.9	3781609	5.23E-06	1.333333Y	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324	ALL	402368.9	3781609	4.87E-06	1.333333Y	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325	ALL	402388.9	3781609	4.58E-06	1.333333Y	4.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326	ALL	402408.9	3781609	4.31E-06	1.333333Y	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327	ALL	402428.9	3781609	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328	ALL	402448.9	3781609	3.85E-06	1.333333Y	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329	ALL	402468.9	3781609	3.65E-06	1.333333Y	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330	ALL	402488.9	3781609	3.47E-06	1.333333Y	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331	ALL	402508.9	3781609	3.30E-06	1.333333Y	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332	ALL	401308.9	3781629	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333	ALL	401328.9	3781629	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334	ALL	401348.9	3781629	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335	ALL	401368.9	3781629	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336	ALL	401388.9	3781629	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337	ALL	401408.9	3781629	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338	ALL	401428.9	3781629	3.41E-06	1.333333Y	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339	ALL	401448.9	3781629	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340	ALL	401468.9	3781629	3.97E-06	1.333333Y	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2341	ALL	401488.9	3781629	4.29E-06	1.333333Y	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342	ALL	401508.9	3781629	4.68E-06	1.333333Y	4.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343	ALL	401528.9	3781629	5.08E-06	1.333333Y	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344	ALL	401548.9	3781629	5.57E-06	1.333333Y	5.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345	ALL	401568.9	3781629	6.11E-06	1.333333Y	6.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346	ALL	401588.9	3781629	6.74E-06	1.333333Y	6.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347	ALL	401608.9	3781629	7.47E-06	1.333333Y	7.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348	ALL	401628.9	3781629	8.32E-06	1.333333Y	8.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349	ALL	401648.9	3781629	9.36E-06	1.333333Y	9.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350	ALL	401668.9	3781629	1.06E-05	1.333333Y	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2351	ALL	401688.9	3781629	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352	ALL	401708.9	3781629	1.42E-05	1.333333Y	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353	ALL	401728.9	3781629	1.70E-05	1.333333Y	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354	ALL	401748.9	3781629	2.09E-05	1.333333Y	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355	ALL	401768.9	3781629	2.74E-05	1.333333Y	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356	ALL	401788.9	3781629	4.12E-05	1.333333Y	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357	ALL	402128.9	3781629	2.35E-05	1.333333Y	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358	ALL	402148.9	3781629	1.78E-05	1.333333Y	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359	ALL	402168.9	3781629	1.46E-05	1.333333Y	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360	ALL	402188.9	3781629	1.23E-05	1.333333Y	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361	ALL	402208.9	3781629	1.07E-05	1.333333Y	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362	ALL	402228.9	3781629	9.39E-06	1.333333Y	9.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363	ALL	402248.9	3781629	8.29E-06	1.333333Y	8.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364	ALL	402268.9	3781629	7.43E-06	1.333333Y	7.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365	ALL	402288.9	3781629	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2366	ALL	402308.9	3781629	6.23E-06	1.333333Y	6.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367	ALL	402328.9	3781629	5.69E-06	1.333333Y	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368	ALL	402348.9	3781629	5.19E-06	1.333333Y	5.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369	ALL	402368.9	3781629	4.79E-06	1.333333Y	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370	ALL	402388.9	3781629	4.50E-06	1.333333Y	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371	ALL	402408.9	3781629	4.21E-06	1.333333Y	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372	ALL	402428.9	3781629	3.95E-06	1.333333Y	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373	ALL	402448.9	3781629	3.72E-06	1.333333Y	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374	ALL	402468.9	3781629	3.51E-06	1.333333Y	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375	ALL	402488.9	3781629	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376	ALL	402508.9	3781629	3.14E-06	1.333333Y	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377	ALL	401308.9	3781649	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378	ALL	401328.9	3781649	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379	ALL	401348.9	3781649	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380	ALL	401368.9	3781649	2.78E-06	1.333333Y	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381	ALL	401388.9	3781649	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382	ALL	401408.9	3781649	3.19E-06	1.333333Y	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383	ALL	401428.9	3781649	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384	ALL	401448.9	3781649	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385	ALL	401468.9	3781649	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2386	ALL	401488.9	3781649	4.34E-06	1.333333Y	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387	ALL	401508.9	3781649	4.73E-06	1.333333Y	4.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388	ALL	401528.9	3781649	5.18E-06	1.333333Y	5.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389	ALL	401548.9	3781649	5.68E-06	1.333333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390	ALL	401568.9	3781649	6.26E-06	1.333333Y	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391	ALL	401588.9	3781649	6.93E-06	1.333333Y	6.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392	ALL	401608.9	3781649	7.71E-06	1.333333Y	7.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393	ALL	401628.9	3781649	8.63E-06	1.333333Y	8.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394	ALL	401648.9	3781649	9.77E-06	1.333333Y	9.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395	ALL	401668.9	3781649	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396	ALL	401688.9	3781649	1.29E-05	1.333333Y	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397	ALL	401708.9	3781649	1.53E-05	1.333333Y	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398	ALL	401728.9	3781649	1.84E-05	1.333333Y	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2399	ALL	401748.9	3781649	2.32E-05	1.333333Y	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400	ALL	401768.9	3781649	3.12E-05	1.333333Y	3.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401	ALL	401788.9	3781649	4.92E-05	1.333333Y	4.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402	ALL	402108.9	3781649	3.75E-05	1.333333Y	3.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403	ALL	402128.9	3781649	2.49E-05	1.333333Y	2.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404	ALL	402148.9	3781649	1.89E-05	1.333333Y	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405	ALL	402168.9	3781649	1.53E-05	1.333333Y	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406	ALL	402188.9	3781649	1.28E-05	1.333333Y	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2407	ALL	402208.9	3781649	1.10E-05	1.333333Y	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408	ALL	402228.9	3781649	9.59E-06	1.333333Y	9.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409	ALL	402248.9	3781649	8.49E-06	1.333333Y	8.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410	ALL	402268.9	3781649	7.79E-06	1.333333Y	7.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411	ALL	402288.9	3781649	7.10E-06	1.333333Y	7.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412	ALL	402308.9	3781649	6.42E-06	1.333333Y	6.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413	ALL	402328.9	3781649	5.76E-06	1.333333Y	5.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414	ALL	402348.9	3781649	5.24E-06	1.333333Y	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415	ALL	402368.9	3781649	4.84E-06	1.333333Y	4.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416	ALL	402388.9	3781649	4.54E-06	1.333333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417	ALL	402408.9	3781649	4.25E-06	1.333333Y	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418	ALL	402428.9	3781649	3.95E-06	1.333333Y	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419	ALL	402448.9	3781649	3.71E-06	1.333333Y	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420	ALL	402468.9	3781649	3.49E-06	1.333333Y	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421	ALL	402488.9	3781649	3.29E-06	1.333333Y	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422	ALL	402508.9	3781649	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423	ALL	401308.9	3781669	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2424	ALL	401328.9	3781669	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425	ALL	401348.9	3781669	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426	ALL	401368.9	3781669	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427	ALL	401388.9	3781669	2.95E-06	1.333333Y	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428	ALL	401408.9	3781669	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429	ALL	401428.9	3781669	3.42E-06	1.333333Y	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430	ALL	401448.9	3781669	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2431	ALL	401468.9	3781669	4.01E-06	1.333333Y	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432	ALL	401488.9	3781669	4.37E-06	1.333333Y	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433	ALL	401508.9	3781669	4.77E-06	1.333333Y	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434	ALL	401528.9	3781669	5.22E-06	1.333333Y	5.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435	ALL	401548.9	3781669	5.77E-06	1.333333Y	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436	ALL	401568.9	3781669	6.35E-06	1.333333Y	6.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437	ALL	401588.9	3781669	7.07E-06	1.333333Y	7.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438	ALL	401608.9	3781669	7.89E-06	1.333333Y	7.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439	ALL	401628.9	3781669	8.91E-06	1.333333Y	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2440	ALL	401648.9	3781669	1.01E-05	1.333333Y	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2441	ALL	401668.9	3781669	1.16E-05	1.333333Y	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2442	ALL	401688.9	3781669	1.36E-05	1.333333Y	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2443	ALL	401708.9	3781669	1.62E-05	1.333333Y	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2444	ALL	401728.9	3781669	1.97E-05	1.333333Y	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2445	ALL	401748.9	3781669	2.51E-05	1.333333Y	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2446	ALL	401768.9	3781669	3.41E-05	1.333333Y	3.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2447	ALL	401788.9	3781669	5.37E-05	1.333333Y	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2448	ALL	402108.9	3781669	3.63E-05	1.333333Y	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2449	ALL	402128.9	3781669	2.54E-05	1.333333Y	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2450	ALL	402148.9	3781669	1.97E-05	1.333333Y	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2451	ALL	402168.9	3781669	1.59E-05	1.333333Y	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2452	ALL	402188.9	3781669	1.34E-05	1.333333Y	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2453	ALL	402208.9	3781669	1.14E-05	1.333333Y	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2454	ALL	402228.9	3781669	9.84E-06	1.333333Y	9.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2455	ALL	402248.9	3781669	8.73E-06	1.333333Y	8.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2456	ALL	402268.9	3781669	8.10E-06	1.333333Y	8.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2457 ALL	402288.9	3781669	7.36E-06	1.333333Y	7.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2458 ALL	402308.9	3781669	6.67E-06	1.333333Y	6.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2459 ALL	402328.9	3781669	5.88E-06	1.333333Y	5.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2460 ALL	402348.9	3781669	5.34E-06	1.333333Y	5.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2461 ALL	402368.9	3781669	4.91E-06	1.333333Y	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2462 ALL	402388.9	3781669	4.57E-06	1.333333Y	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2463 ALL	402408.9	3781669	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2464 ALL	402428.9	3781669	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2465 ALL	402448.9	3781669	3.73E-06	1.333333Y	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2466 ALL	402468.9	3781669	3.50E-06	1.333333Y	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2467 ALL	402488.9	3781669	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2468 ALL	402508.9	3781669	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2469 ALL	401308.9	3781689	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2470 ALL	401328.9	3781689	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2471 ALL	401348.9	3781689	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2472 ALL	401368.9	3781689	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2473 ALL	401388.9	3781689	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2474 ALL	401408.9	3781689	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2475 ALL	401428.9	3781689	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2476 ALL	401448.9	3781689	3.70E-06	1.333333Y	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2477 ALL	401468.9	3781689	4.03E-06	1.333333Y	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2478 ALL	401488.9	3781689	4.39E-06	1.333333Y	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2479 ALL	401508.9	3781689	4.81E-06	1.333333Y	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2480 ALL	401528.9	3781689	5.27E-06	1.333333Y	5.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2481 ALL	401548.9	3781689	5.82E-06	1.333333Y	5.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2482 ALL	401568.9	3781689	6.44E-06	1.333333Y	6.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2483 ALL	401588.9	3781689	7.18E-06	1.333333Y	7.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2484 ALL	401608.9	3781689	8.04E-06	1.333333Y	8.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2485 ALL	401628.9	3781689	9.09E-06	1.333333Y	9.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2486 ALL	401648.9	3781689	1.04E-05	1.333333Y	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2487 ALL	401668.9	3781689	1.20E-05	1.333333Y	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2488 ALL	401688.9	3781689	1.40E-05	1.333333Y	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2489 ALL	401708.9	3781689	1.68E-05	1.333333Y	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2490 ALL	401728.9	3781689	2.06E-05	1.333333Y	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2491 ALL	401748.9	3781689	2.62E-05	1.333333Y	2.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2492 ALL	401768.9	3781689	3.57E-05	1.333333Y	3.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2493 ALL	401788.9	3781689	5.63E-05	1.333333Y	5.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2494 ALL	402088.9	3781689	5.34E-05	1.333333Y	5.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2495 ALL	402108.9	3781689	3.42E-05	1.333333Y	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2496 ALL	402128.9	3781689	2.53E-05	1.333333Y	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2497 ALL	402148.9	3781689	1.99E-05	1.333333Y	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2498 ALL	402168.9	3781689	1.63E-05	1.333333Y	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2499 ALL	402188.9	3781689	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2500 ALL	402208.9	3781689	1.17E-05	1.333333Y	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2501 ALL	402228.9	3781689	1.02E-05	1.333333Y	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502 ALL	402248.9	3781689	9.13E-06	1.333333Y	9.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503 ALL	402268.9	3781689	8.15E-06	1.333333Y	8.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504 ALL	402288.9	3781689	7.66E-06	1.333333Y	7.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505 ALL	402308.9	3781689	6.92E-06	1.333333Y	6.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506 ALL	402328.9	3781689	6.15E-06	1.333333Y	6.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507 ALL	402348.9	3781689	5.48E-06	1.333333Y	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508 ALL	402368.9	3781689	4.98E-06	1.333333Y	4.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509 ALL	402388.9	3781689	4.65E-06	1.333333Y	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510 ALL	402408.9	3781689	4.34E-06	1.333333Y	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511 ALL	402428.9	3781689	4.04E-06	1.333333Y	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512 ALL	402448.9	3781689	3.77E-06	1.333333Y	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513 ALL	402468.9	3781689	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514 ALL	402488.9	3781689	3.34E-06	1.333333Y	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515 ALL	402508.9	3781689	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516 ALL	401308.9	3781709	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517 ALL	401328.9	3781709	2.32E-06	1.333333Y	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518 ALL	401348.9	3781709	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2519 ALL	401368.9	3781709	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520 ALL	401388.9	3781709	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521 ALL	401408.9	3781709	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522 ALL	401428.9	3781709	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523 ALL	401448.9	3781709	3.61E-06	1.333333Y	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524 ALL	401468.9	3781709	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2525 ALL	401488.9	3781709	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526 ALL	401508.9	3781709	4.72E-06	1.333333Y	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527 ALL	401528.9	3781709	5.25E-06	1.333333Y	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528 ALL	401548.9	3781709	5.84E-06	1.333333Y	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529 ALL	401568.9	3781709	6.48E-06	1.333333Y	6.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530 ALL	401588.9	3781709	7.24E-06	1.333333Y	7.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531 ALL	401608.9	3781709	8.12E-06	1.333333Y	8.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532 ALL	401628.9	3781709	9.18E-06	1.333333Y	9.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533 ALL	401648.9	3781709	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534 ALL	401668.9	3781709	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535 ALL	401688.9	3781709	1.43E-05	1.333333Y	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536 ALL	401708.9	3781709	1.71E-05	1.333333Y	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537 ALL	401728.9	3781709	2.10E-05	1.333333Y	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538 ALL	401748.9	3781709	2.67E-05	1.333333Y	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539 ALL	401768.9	3781709	3.63E-05	1.333333Y	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540 ALL	401788.9	3781709	5.76E-05	1.333333Y	5.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541 ALL	402088.9	3781709	4.70E-05	1.333333Y	4.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542 ALL	402108.9	3781709	3.25E-05	1.333333Y	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2543 ALL	402128.9	3781709	2.50E-05	1.333333Y	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544 ALL	402148.9	3781709	2.01E-05	1.333333Y	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545 ALL	402168.9	3781709	1.66E-05	1.333333Y	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546 ALL	402188.9	3781709	1.40E-05	1.333333Y	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547 ALL	402208.9	3781709	1.18E-05	1.333333Y	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2548	ALL	402228.9	3781709	1.05E-05	1.333333Yi	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549	ALL	402248.9	3781709	9.65E-06	1.333333Yi	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550	ALL	402268.9	3781709	8.21E-06	1.333333Yi	8.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551	ALL	402288.9	3781709	7.89E-06	1.333333Yi	7.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552	ALL	402308.9	3781709	7.21E-06	1.333333Yi	7.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553	ALL	402328.9	3781709	6.49E-06	1.333333Yi	6.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554	ALL	402348.9	3781709	5.56E-06	1.333333Yi	5.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555	ALL	402368.9	3781709	5.05E-06	1.333333Yi	5.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556	ALL	402388.9	3781709	4.79E-06	1.333333Yi	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557	ALL	402408.9	3781709	4.40E-06	1.333333Yi	4.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558	ALL	402428.9	3781709	4.12E-06	1.333333Yi	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559	ALL	402448.9	3781709	3.87E-06	1.333333Yi	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560	ALL	402468.9	3781709	3.61E-06	1.333333Yi	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561	ALL	402488.9	3781709	3.40E-06	1.333333Yi	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562	ALL	402508.9	3781709	3.23E-06	1.333333Yi	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563	ALL	401308.9	3781729	2.18E-06	1.333333Yi	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564	ALL	401328.9	3781729	2.31E-06	1.333333Yi	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565	ALL	401348.9	3781729	2.47E-06	1.333333Yi	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566	ALL	401368.9	3781729	2.64E-06	1.333333Yi	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567	ALL	401388.9	3781729	2.83E-06	1.333333Yi	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568	ALL	401408.9	3781729	3.06E-06	1.333333Yi	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569	ALL	401428.9	3781729	3.31E-06	1.333333Yi	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570	ALL	401448.9	3781729	3.59E-06	1.333333Yi	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571	ALL	401468.9	3781729	3.92E-06	1.333333Yi	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572	ALL	401488.9	3781729	4.28E-06	1.333333Yi	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573	ALL	401508.9	3781729	4.72E-06	1.333333Yi	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574	ALL	401528.9	3781729	5.26E-06	1.333333Yi	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575	ALL	401548.9	3781729	5.83E-06	1.333333Yi	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576	ALL	401568.9	3781729	6.47E-06	1.333333Yi	6.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577	ALL	401588.9	3781729	7.24E-06	1.333333Yi	7.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578	ALL	401608.9	3781729	8.11E-06	1.333333Yi	8.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579	ALL	401628.9	3781729	9.18E-06	1.333333Yi	9.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580	ALL	401648.9	3781729	1.05E-05	1.333333Yi	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581	ALL	401668.9	3781729	1.22E-05	1.333333Yi	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582	ALL	401688.9	3781729	1.43E-05	1.333333Yi	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583	ALL	401708.9	3781729	1.72E-05	1.333333Yi	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584	ALL	401728.9	3781729	2.11E-05	1.333333Yi	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585	ALL	401748.9	3781729	2.69E-05	1.333333Yi	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586	ALL	401768.9	3781729	3.67E-05	1.333333Yi	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587	ALL	401788.9	3781729	5.81E-05	1.333333Yi	5.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588	ALL	402088.9	3781729	4.22E-05	1.333333Yi	4.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589	ALL	402108.9	3781729	3.08E-05	1.333333Yi	3.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590	ALL	402128.9	3781729	2.42E-05	1.333333Yi	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2591	ALL	402148.9	3781729	1.99E-05	1.333333Yi	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592	ALL	402168.9	3781729	1.68E-05	1.333333Yi	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593	ALL	402188.9	3781729	1.44E-05	1.333333Yi	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594	ALL	402208.9	3781729	1.23E-05	1.333333Yi	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2595	ALL	402228.9	3781729	1.07E-05	1.333333Yi	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596	ALL	402248.9	3781729	9.72E-06	1.333333Yi	9.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597	ALL	402268.9	3781729	8.70E-06	1.333333Yi	8.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598	ALL	402288.9	3781729	7.91E-06	1.333333Yi	7.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599	ALL	402308.9	3781729	7.42E-06	1.333333Yi	7.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600	ALL	402328.9	3781729	6.52E-06	1.333333Yi	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601	ALL	402348.9	3781729	5.83E-06	1.333333Yi	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602	ALL	402368.9	3781729	5.19E-06	1.333333Yi	5.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603	ALL	402388.9	3781729	4.88E-06	1.333333Yi	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604	ALL	402408.9	3781729	4.47E-06	1.333333Yi	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605	ALL	402428.9	3781729	4.19E-06	1.333333Yi	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606	ALL	402448.9	3781729	3.94E-06	1.333333Yi	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607	ALL	402468.9	3781729	3.70E-06	1.333333Yi	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608	ALL	402488.9	3781729	3.48E-06	1.333333Yi	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609	ALL	402508.9	3781729	3.30E-06	1.333333Yi	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610	ALL	401308.9	3781749	2.14E-06	1.333333Yi	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611	ALL	401328.9	3781749	2.27E-06	1.333333Yi	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2612	ALL	401348.9	3781749	2.43E-06	1.333333Yi	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2613	ALL	401368.9	3781749	2.60E-06	1.333333Yi	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2614	ALL	401388.9	3781749	2.79E-06	1.333333Yi	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2615	ALL	401408.9	3781749	3.01E-06	1.333333Yi	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2616	ALL	401428.9	3781749	3.26E-06	1.333333Yi	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2617	ALL	401448.9	3781749	3.55E-06	1.333333Yi	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2618	ALL	401468.9	3781749	3.86E-06	1.333333Yi	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2619	ALL	401488.9	3781749	4.23E-06	1.333333Yi	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2620	ALL	401508.9	3781749	4.67E-06	1.333333Yi	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2621	ALL	401528.9	3781749	5.19E-06	1.333333Yi	5.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2622	ALL	401548.9	3781749	5.78E-06	1.333333Yi	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2623	ALL	401568.9	3781749	6.41E-06	1.333333Yi	6.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2624	ALL	401588.9	3781749	7.17E-06	1.333333Yi	7.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2625	ALL	401608.9	3781749	8.00E-06	1.333333Yi	8.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2626	ALL	401628.9	3781749	9.06E-06	1.333333Yi	9.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2627	ALL	401648.9	3781749	1.04E-05	1.333333Yi	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2628	ALL	401668.9	3781749	1.20E-05	1.333333Yi	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2629	ALL	401688.9	3781749	1.41E-05	1.333333Yi	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2630	ALL	401708.9	3781749	1.69E-05	1.333333Yi	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2631	ALL	401728.9	3781749	2.08E-05	1.333333Yi	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2632	ALL	401748.9	3781749	2.64E-05	1.333333Yi	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2633	ALL	401768.9	3781749	3.63E-05	1.333333Yi	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2634	ALL	401788.9	3781749	5.79E-05	1.333333Yi	5.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2635	ALL	402068.9	3781749	5.78E-05	1.333333Yi	5.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2636	ALL	402088.9	3781749	3.81E-05	1.333333Yi	3.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2637	ALL	402108.9	3781749	2.89E-05	1.333333Yi	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2638	ALL	402128.9	3781749	2.31E-05	1.333333Yi	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2639	ALL	402148.9	3781749	1.90E-05	1.333333Y	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2640	ALL	402168.9	3781749	1.60E-05	1.333333Y	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2641	ALL	402188.9	3781749	1.38E-05	1.333333Y	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2642	ALL	402208.9	3781749	1.22E-05	1.333333Y	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2643	ALL	402228.9	3781749	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2644	ALL	402248.9	3781749	9.71E-06	1.333333Y	9.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2645	ALL	402268.9	3781749	8.82E-06	1.333333Y	8.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2646	ALL	402288.9	3781749	8.14E-06	1.333333Y	8.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2647	ALL	402308.9	3781749	7.56E-06	1.333333Y	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2648	ALL	402328.9	3781749	6.93E-06	1.333333Y	6.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2649	ALL	402348.9	3781749	6.04E-06	1.333333Y	6.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2650	ALL	402368.9	3781749	5.48E-06	1.333333Y	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2651	ALL	402388.9	3781749	5.03E-06	1.333333Y	5.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2652	ALL	402408.9	3781749	4.65E-06	1.333333Y	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2653	ALL	402428.9	3781749	4.33E-06	1.333333Y	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2654	ALL	402448.9	3781749	4.16E-06	1.333333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2655	ALL	402468.9	3781749	3.81E-06	1.333333Y	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2656	ALL	402488.9	3781749	3.62E-06	1.333333Y	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2657	ALL	402508.9	3781749	3.40E-06	1.333333Y	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2658	ALL	401308.9	3781769	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2659	ALL	401328.9	3781769	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2660	ALL	401348.9	3781769	2.38E-06	1.333333Y	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2661	ALL	401368.9	3781769	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2662	ALL	401388.9	3781769	2.74E-06	1.333333Y	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2663	ALL	401408.9	3781769	2.95E-06	1.333333Y	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2664	ALL	401428.9	3781769	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2665	ALL	401448.9	3781769	3.47E-06	1.333333Y	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2666	ALL	401468.9	3781769	3.77E-06	1.333333Y	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667	ALL	401488.9	3781769	4.12E-06	1.333333Y	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2668	ALL	401508.9	3781769	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2669	ALL	401528.9	3781769	5.12E-06	1.333333Y	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2670	ALL	401548.9	3781769	5.67E-06	1.333333Y	5.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2671	ALL	401568.9	3781769	6.31E-06	1.333333Y	6.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2672	ALL	401588.9	3781769	7.03E-06	1.333333Y	7.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2673	ALL	401608.9	3781769	7.88E-06	1.333333Y	7.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2674	ALL	401628.9	3781769	8.91E-06	1.333333Y	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2675	ALL	401648.9	3781769	1.02E-05	1.333333Y	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2676	ALL	401668.9	3781769	1.18E-05	1.333333Y	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2677	ALL	401688.9	3781769	1.38E-05	1.333333Y	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2678	ALL	401708.9	3781769	1.65E-05	1.333333Y	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2679	ALL	401728.9	3781769	2.02E-05	1.333333Y	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2680	ALL	401748.9	3781769	2.58E-05	1.333333Y	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2681	ALL	401768.9	3781769	3.56E-05	1.333333Y	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2682	ALL	401788.9	3781769	5.73E-05	1.333333Y	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2683	ALL	402068.9	3781769	4.96E-05	1.333333Y	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2684	ALL	402088.9	3781769	3.45E-05	1.333333Y	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2685	ALL	402108.9	3781769	2.69E-05	1.333333Y	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2686	ALL	402128.9	3781769	2.13E-05	1.333333Y	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2687	ALL	402148.9	3781769	1.77E-05	1.333333Y	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2688	ALL	402168.9	3781769	1.51E-05	1.333333Y	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2689	ALL	402188.9	3781769	1.31E-05	1.333333Y	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2690	ALL	402208.9	3781769	1.17E-05	1.333333Y	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2691	ALL	402228.9	3781769	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2692	ALL	402248.9	3781769	9.75E-06	1.333333Y	9.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2693	ALL	402268.9	3781769	8.90E-06	1.333333Y	8.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2694	ALL	402288.9	3781769	8.21E-06	1.333333Y	8.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2695	ALL	402308.9	3781769	7.59E-06	1.333333Y	7.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2696	ALL	402328.9	3781769	7.01E-06	1.333333Y	7.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2697	ALL	402348.9	3781769	6.47E-06	1.333333Y	6.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2698	ALL	402368.9	3781769	5.87E-06	1.333333Y	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2699	ALL	402388.9	3781769	5.33E-06	1.333333Y	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2700	ALL	402408.9	3781769	4.96E-06	1.333333Y	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2701	ALL	402428.9	3781769	4.63E-06	1.333333Y	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2702	ALL	402448.9	3781769	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2703	ALL	402468.9	3781769	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2704	ALL	402488.9	3781769	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2705	ALL	402508.9	3781769	3.47E-06	1.333333Y	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2706	ALL	401308.9	3781789	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2707	ALL	401328.9	3781789	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2708	ALL	401348.9	3781789	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2709	ALL	401368.9	3781789	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2710	ALL	401388.9	3781789	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2711	ALL	401408.9	3781789	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2712	ALL	401428.9	3781789	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2713	ALL	401448.9	3781789	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2714	ALL	401468.9	3781789	3.57E-06	1.333333Y	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2715	ALL	401488.9	3781789	3.90E-06	1.333333Y	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2716	ALL	401508.9	3781789	4.34E-06	1.333333Y	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2717	ALL	401528.9	3781789	4.92E-06	1.333333Y	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2718	ALL	401548.9	3781789	5.51E-06	1.333333Y	5.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2719	ALL	401568.9	3781789	6.14E-06	1.333333Y	6.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2720	ALL	401588.9	3781789	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2721	ALL	401608.9	3781789	7.60E-06	1.333333Y	7.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2722	ALL	401628.9	3781789	8.55E-06	1.333333Y	8.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2723	ALL	401648.9	3781789	9.74E-06	1.333333Y	9.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2724	ALL	401668.9	3781789	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2725	ALL	401688.9	3781789	1.28E-05	1.333333Y	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2726	ALL	401708.9	3781789	1.52E-05	1.333333Y	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2727	ALL	401728.9	3781789	1.87E-05	1.333333Y	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2728	ALL	401748.9	3781789	2.32E-05	1.333333Y	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2729	ALL	401768.9	3781789	3.40E-05	1.333333Y	3.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2730 ALL	401788.9	3781789	5.58E-05	1.333333Y	5.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2731 ALL	402068.9	3781789	4.39E-05	1.333333Y	4.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2732 ALL	402088.9	3781789	3.17E-05	1.333333Y	3.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2733 ALL	402108.9	3781789	2.50E-05	1.333333Y	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2734 ALL	402128.9	3781789	2.00E-05	1.333333Y	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2735 ALL	402148.9	3781789	1.68E-05	1.333333Y	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2736 ALL	402168.9	3781789	1.44E-05	1.333333Y	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2737 ALL	402188.9	3781789	1.26E-05	1.333333Y	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2738 ALL	402208.9	3781789	1.14E-05	1.333333Y	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2739 ALL	402228.9	3781789	1.06E-05	1.333333Y	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2740 ALL	402248.9	3781789	9.65E-06	1.333333Y	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2741 ALL	402268.9	3781789	8.85E-06	1.333333Y	8.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2742 ALL	402288.9	3781789	8.15E-06	1.333333Y	8.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2743 ALL	402308.9	3781789	7.53E-06	1.333333Y	7.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2744 ALL	402328.9	3781789	6.98E-06	1.333333Y	6.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2745 ALL	402348.9	3781789	6.50E-06	1.333333Y	6.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2746 ALL	402368.9	3781789	5.90E-06	1.333333Y	5.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2747 ALL	402388.9	3781789	5.31E-06	1.333333Y	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2748 ALL	402408.9	3781789	4.95E-06	1.333333Y	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2749 ALL	402428.9	3781789	4.62E-06	1.333333Y	4.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2750 ALL	402448.9	3781789	4.28E-06	1.333333Y	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2751 ALL	402468.9	3781789	3.99E-06	1.333333Y	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2752 ALL	402488.9	3781789	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2753 ALL	402508.9	3781789	3.62E-06	1.333333Y	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2754 ALL	401308.9	3781809	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2755 ALL	401328.9	3781809	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2756 ALL	401348.9	3781809	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2757 ALL	401368.9	3781809	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2758 ALL	401388.9	3781809	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2759 ALL	401408.9	3781809	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2760 ALL	401428.9	3781809	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2761 ALL	401448.9	3781809	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2762 ALL	401468.9	3781809	3.41E-06	1.333333Y	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2763 ALL	401488.9	3781809	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2764 ALL	401508.9	3781809	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2765 ALL	401528.9	3781809	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2766 ALL	401548.9	3781809	5.32E-06	1.333333Y	5.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2767 ALL	401568.9	3781809	5.87E-06	1.333333Y	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2768 ALL	401588.9	3781809	6.51E-06	1.333333Y	6.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2769 ALL	401608.9	3781809	7.27E-06	1.333333Y	7.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2770 ALL	401628.9	3781809	8.08E-06	1.333333Y	8.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2771 ALL	401648.9	3781809	8.66E-06	1.333333Y	8.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2772 ALL	401668.9	3781809	9.65E-06	1.333333Y	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2773 ALL	401688.9	3781809	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2774 ALL	401708.9	3781809	1.36E-05	1.333333Y	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2775 ALL	401728.9	3781809	1.67E-05	1.333333Y	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2776 ALL	401748.9	3781809	2.17E-05	1.333333Y	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2777 ALL	401768.9	3781809	3.01E-05	1.333333Y	3.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2778 ALL	401788.9	3781809	5.32E-05	1.333333Y	5.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2779 ALL	402068.9	3781809	3.91E-05	1.333333Y	3.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2780 ALL	402088.9	3781809	2.81E-05	1.333333Y	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2781 ALL	402108.9	3781809	2.28E-05	1.333333Y	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2782 ALL	402128.9	3781809	1.89E-05	1.333333Y	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2783 ALL	402148.9	3781809	1.58E-05	1.333333Y	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2784 ALL	402168.9	3781809	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2785 ALL	402188.9	3781809	1.20E-05	1.333333Y	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2786 ALL	402208.9	3781809	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2787 ALL	402228.9	3781809	1.02E-05	1.333333Y	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2788 ALL	402248.9	3781809	9.35E-06	1.333333Y	9.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2789 ALL	402268.9	3781809	8.61E-06	1.333333Y	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2790 ALL	402288.9	3781809	7.97E-06	1.333333Y	7.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2791 ALL	402308.9	3781809	7.40E-06	1.333333Y	7.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2792 ALL	402328.9	3781809	6.89E-06	1.333333Y	6.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2793 ALL	402348.9	3781809	6.45E-06	1.333333Y	6.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2794 ALL	402368.9	3781809	5.83E-06	1.333333Y	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2795 ALL	402388.9	3781809	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2796 ALL	402408.9	3781809	4.92E-06	1.333333Y	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2797 ALL	402428.9	3781809	4.64E-06	1.333333Y	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2798 ALL	402448.9	3781809	4.36E-06	1.333333Y	4.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2799 ALL	402468.9	3781809	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2800 ALL	402488.9	3781809	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2801 ALL	402508.9	3781809	3.73E-06	1.333333Y	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2802 ALL	401308.9	3781829	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2803 ALL	401328.9	3781829	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2804 ALL	401348.9	3781829	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2805 ALL	401368.9	3781829	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2806 ALL	401388.9	3781829	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2807 ALL	401408.9	3781829	2.55E-06	1.333333Y	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2808 ALL	401428.9	3781829	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2809 ALL	401448.9	3781829	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2810 ALL	401468.9	3781829	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2811 ALL	401488.9	3781829	3.67E-06	1.333333Y	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2812 ALL	401508.9	3781829	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2813 ALL	401528.9	3781829	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2814 ALL	401548.9	3781829	5.10E-06	1.333333Y	5.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2815 ALL	401568.9	3781829	5.66E-06	1.333333Y	5.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2816 ALL	401588.9	3781829	6.20E-06	1.333333Y	6.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2817 ALL	401608.9	3781829	6.55E-06	1.333333Y	6.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2818 ALL	401628.9	3781829	7.04E-06	1.333333Y	7.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2819 ALL	401648.9	3781829	8.01E-06	1.333333Y	8.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2820 ALL	401668.9	3781829	9.27E-06	1.333333Y	9.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2821 ALL	401688.9	3781829	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2822 ALL	401708.9	3781829	1.31E-05	1.333333Y	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2823 ALL	401728.9	3781829	1.60E-05	1.333333Y	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2824 ALL	401748.9	3781829	2.09E-05	1.333333Y	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2825 ALL	401768.9	3781829	2.86E-05	1.333333Y	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2826 ALL	401788.9	3781829	4.96E-05	1.333333Y	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2827 ALL	402068.9	3781829	3.15E-05	1.333333Y	3.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2828 ALL	402088.9	3781829	2.41E-05	1.333333Y	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2829 ALL	402108.9	3781829	2.03E-05	1.333333Y	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2830 ALL	402128.9	3781829	1.73E-05	1.333333Y	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2831 ALL	402148.9	3781829	1.49E-05	1.333333Y	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2832 ALL	402168.9	3781829	1.29E-05	1.333333Y	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2833 ALL	402188.9	3781829	1.14E-05	1.333333Y	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2834 ALL	402208.9	3781829	1.04E-05	1.333333Y	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2835 ALL	402228.9	3781829	9.71E-06	1.333333Y	9.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2836 ALL	402248.9	3781829	8.95E-06	1.333333Y	8.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2837 ALL	402268.9	3781829	8.30E-06	1.333333Y	8.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2838 ALL	402288.9	3781829	7.72E-06	1.333333Y	7.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2839 ALL	402308.9	3781829	7.19E-06	1.333333Y	7.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2840 ALL	402328.9	3781829	6.71E-06	1.333333Y	6.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2841 ALL	402348.9	3781829	6.30E-06	1.333333Y	6.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2842 ALL	402368.9	3781829	5.95E-06	1.333333Y	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2843 ALL	402388.9	3781829	5.28E-06	1.333333Y	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2844 ALL	402408.9	3781829	4.92E-06	1.333333Y	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2845 ALL	402428.9	3781829	4.71E-06	1.333333Y	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2846 ALL	402448.9	3781829	4.45E-06	1.333333Y	4.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2847 ALL	402468.9	3781829	4.16E-06	1.333333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2848 ALL	402488.9	3781829	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2849 ALL	402508.9	3781829	3.79E-06	1.333333Y	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2850 ALL	401308.9	3781849	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2851 ALL	401328.9	3781849	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2852 ALL	401348.9	3781849	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2853 ALL	401368.9	3781849	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2854 ALL	401388.9	3781849	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2855 ALL	401408.9	3781849	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2856 ALL	401428.9	3781849	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2857 ALL	401448.9	3781849	2.87E-06	1.333333Y	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2858 ALL	401468.9	3781849	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2859 ALL	401488.9	3781849	3.49E-06	1.333333Y	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2860 ALL	401508.9	3781849	3.83E-06	1.333333Y	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2861 ALL	401528.9	3781849	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2862 ALL	401548.9	3781849	4.83E-06	1.333333Y	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2863 ALL	401568.9	3781849	5.16E-06	1.333333Y	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2864 ALL	401588.9	3781849	5.43E-06	1.333333Y	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2865 ALL	401608.9	3781849	6.00E-06	1.333333Y	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2866 ALL	401628.9	3781849	6.77E-06	1.333333Y	6.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2867 ALL	401648.9	3781849	7.72E-06	1.333333Y	7.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2868 ALL	401668.9	3781849	8.80E-06	1.333333Y	8.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2869 ALL	401688.9	3781849	1.01E-05	1.333333Y	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2870 ALL	401708.9	3781849	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2871 ALL	401728.9	3781849	1.49E-05	1.333333Y	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2872 ALL	401748.9	3781849	1.89E-05	1.333333Y	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2873 ALL	401768.9	3781849	2.58E-05	1.333333Y	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2874 ALL	401788.9	3781849	4.41E-05	1.333333Y	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2875 ALL	401908.9	3781849	5.37E-05	1.333333Y	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2876 ALL	401928.9	3781849	4.28E-05	1.333333Y	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2877 ALL	401948.9	3781849	3.79E-05	1.333333Y	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2878 ALL	401968.9	3781849	3.60E-05	1.333333Y	3.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2879 ALL	401988.9	3781849	3.50E-05	1.333333Y	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2880 ALL	402008.9	3781849	3.35E-05	1.333333Y	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2881 ALL	402028.9	3781849	3.09E-05	1.333333Y	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2882 ALL	402048.9	3781849	2.81E-05	1.333333Y	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2883 ALL	402068.9	3781849	2.34E-05	1.333333Y	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2884 ALL	402088.9	3781849	2.00E-05	1.333333Y	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2885 ALL	402108.9	3781849	1.72E-05	1.333333Y	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2886 ALL	402128.9	3781849	1.55E-05	1.333333Y	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2887 ALL	402148.9	3781849	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2888 ALL	402168.9	3781849	1.22E-05	1.333333Y	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2889 ALL	402188.9	3781849	1.08E-05	1.333333Y	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2890 ALL	402208.9	3781849	9.77E-06	1.333333Y	9.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2891 ALL	402228.9	3781849	9.03E-06	1.333333Y	9.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2892 ALL	402248.9	3781849	8.48E-06	1.333333Y	8.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2893 ALL	402268.9	3781849	7.89E-06	1.333333Y	7.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2894 ALL	402288.9	3781849	7.39E-06	1.333333Y	7.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2895 ALL	402308.9	3781849	6.90E-06	1.333333Y	6.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2896 ALL	402328.9	3781849	6.49E-06	1.333333Y	6.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2897 ALL	402348.9	3781849	6.13E-06	1.333333Y	6.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2898 ALL	402368.9	3781849	5.78E-06	1.333333Y	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2899 ALL	402388.9	3781849	5.21E-06	1.333333Y	5.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2900 ALL	402408.9	3781849	4.91E-06	1.333333Y	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2901 ALL	402428.9	3781849	4.72E-06	1.333333Y	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2902 ALL	402448.9	3781849	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2903 ALL	402468.9	3781849	4.22E-06	1.333333Y	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2904 ALL	402488.9	3781849	4.03E-06	1.333333Y	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2905 ALL	402508.9	3781849	3.84E-06	1.333333Y	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2906 ALL	401308.9	3781869	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2907 ALL	401328.9	3781869	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2908 ALL	401348.9	3781869	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2909 ALL	401368.9	3781869	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2910 ALL	401388.9	3781869	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2911 ALL	401408.9	3781869	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2912 ALL	401428.9	3781869	2.43E-06	1.333333Y		2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2913 ALL	401448.9	3781869	2.66E-06	1.333333Y		2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2914 ALL	401468.9	3781869	2.90E-06	1.333333Y		2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2915 ALL	401488.9	3781869	3.28E-06	1.333333Y		3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2916 ALL	401508.9	3781869	3.67E-06	1.333333Y		3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2917 ALL	401528.9	3781869	4.09E-06	1.333333Y		4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2918 ALL	401548.9	3781869	4.55E-06	1.333333Y		4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2919 ALL	401568.9	3781869	4.80E-06	1.333333Y		4.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2920 ALL	401588.9	3781869	5.22E-06	1.333333Y		5.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2921 ALL	401608.9	3781869	5.80E-06	1.333333Y		5.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2922 ALL	401628.9	3781869	6.45E-06	1.333333Y		6.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2923 ALL	401648.9	3781869	7.19E-06	1.333333Y		7.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2924 ALL	401668.9	3781869	8.15E-06	1.333333Y		8.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2925 ALL	401688.9	3781869	9.32E-06	1.333333Y		9.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2926 ALL	401708.9	3781869	9.89E-06	1.333333Y		9.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2927 ALL	401728.9	3781869	1.27E-05	1.333333Y		1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2928 ALL	401748.9	3781869	1.53E-05	1.333333Y		1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2929 ALL	401768.9	3781869	2.01E-05	1.333333Y		2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2930 ALL	401788.9	3781869	3.34E-05	1.333333Y		3.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2931 ALL	401888.9	3781869	5.10E-05	1.333333Y		5.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2932 ALL	401908.9	3781869	3.53E-05	1.333333Y		3.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2933 ALL	401928.9	3781869	2.99E-05	1.333333Y		2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2934 ALL	401948.9	3781869	2.68E-05	1.333333Y		2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2935 ALL	401968.9	3781869	2.53E-05	1.333333Y		2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2936 ALL	401988.9	3781869	2.39E-05	1.333333Y		2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2937 ALL	402008.9	3781869	2.35E-05	1.333333Y		2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2938 ALL	402028.9	3781869	2.17E-05	1.333333Y		2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2939 ALL	402048.9	3781869	1.97E-05	1.333333Y		1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2940 ALL	402068.9	3781869	1.84E-05	1.333333Y		1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2941 ALL	402088.9	3781869	1.62E-05	1.333333Y		1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2942 ALL	402108.9	3781869	1.45E-05	1.333333Y		1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2943 ALL	402128.9	3781869	1.37E-05	1.333333Y		1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2944 ALL	402148.9	3781869	1.24E-05	1.333333Y		1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2945 ALL	402168.9	3781869	1.12E-05	1.333333Y		1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2946 ALL	402188.9	3781869	1.02E-05	1.333333Y		1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2947 ALL	402208.9	3781869	9.22E-06	1.333333Y		9.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2948 ALL	402228.9	3781869	8.48E-06	1.333333Y		8.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2949 ALL	402248.9	3781869	7.95E-06	1.333333Y		7.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2950 ALL	402268.9	3781869	7.44E-06	1.333333Y		7.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2951 ALL	402288.9	3781869	6.97E-06	1.333333Y		6.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2952 ALL	402308.9	3781869	6.54E-06	1.333333Y		6.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2953 ALL	402328.9	3781869	6.17E-06	1.333333Y		6.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2954 ALL	402348.9	3781869	5.87E-06	1.333333Y		5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2955 ALL	402368.9	3781869	5.58E-06	1.333333Y		5.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2956 ALL	402388.9	3781869	5.15E-06	1.333333Y		5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2957 ALL	402408.9	3781869	4.94E-06	1.333333Y		4.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2958 ALL	402428.9	3781869	4.72E-06	1.333333Y		4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959 ALL	402448.9	3781869	4.48E-06	1.333333Y		4.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2960 ALL	402468.9	3781869	4.25E-06	1.333333Y		4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2961 ALL	402488.9	3781869	4.09E-06	1.333333Y		4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2962 ALL	402508.9	3781869	3.92E-06	1.333333Y		3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2963 ALL	401308.9	3781889	1.50E-06	1.333333Y		1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2964 ALL	401328.9	3781889	1.57E-06	1.333333Y		1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2965 ALL	401348.9	3781889	1.65E-06	1.333333Y		1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2966 ALL	401368.9	3781889	1.75E-06	1.333333Y		1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2967 ALL	401388.9	3781889	1.85E-06	1.333333Y		1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2968 ALL	401408.9	3781889	1.99E-06	1.333333Y		1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2969 ALL	401428.9	3781889	2.13E-06	1.333333Y		2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2970 ALL	401448.9	3781889	2.33E-06	1.333333Y		2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2971 ALL	401468.9	3781889	2.55E-06	1.333333Y		2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2972 ALL	401488.9	3781889	2.97E-06	1.333333Y		2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2973 ALL	401508.9	3781889	3.28E-06	1.333333Y		3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2974 ALL	401528.9	3781889	3.79E-06	1.333333Y		3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2975 ALL	401548.9	3781889	4.25E-06	1.333333Y		4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2976 ALL	401568.9	3781889	4.58E-06	1.333333Y		4.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2977 ALL	401588.9	3781889	5.01E-06	1.333333Y		5.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2978 ALL	401608.9	3781889	5.45E-06	1.333333Y		5.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2979 ALL	401628.9	3781889	6.02E-06	1.333333Y		6.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2980 ALL	401648.9	3781889	6.68E-06	1.333333Y		6.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2981 ALL	401668.9	3781889	6.92E-06	1.333333Y		6.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2982 ALL	401688.9	3781889	6.98E-06	1.333333Y		6.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2983 ALL	401708.9	3781889	7.88E-06	1.333333Y		7.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2984 ALL	401728.9	3781889	9.81E-06	1.333333Y		9.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2985 ALL	401748.9	3781889	1.30E-05	1.333333Y		1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2986 ALL	401768.9	3781889	1.50E-05	1.333333Y		1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2987 ALL	401788.9	3781889	1.99E-05	1.333333Y		1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2988 ALL	401808.9	3781889	2.50E-05	1.333333Y		2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2989 ALL	401828.9	3781889	3.63E-05	1.333333Y		3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2990 ALL	401848.9	3781889	4.18E-05	1.333333Y		4.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2991 ALL	401868.9	3781889	3.87E-05	1.333333Y		3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2992 ALL	401888.9	3781889	3.04E-05	1.333333Y		3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2993 ALL	401908.9	3781889	2.48E-05	1.333333Y		2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2994 ALL	401928.9	3781889	2.16E-05	1.333333Y		2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2995 ALL	401948.9	3781889	1.93E-05	1.333333Y		1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2996 ALL	401968.9	3781889	1.72E-05	1.333333Y		1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2997 ALL	401988.9	3781889	1.67E-05	1.333333Y		1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2998 ALL	402008.9	3781889	1.73E-05	1.333333Y		1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2999 ALL	402028.9	3781889	1.63E-05	1.333333Y		1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3000 ALL	402048.9	3781889	1.48E-05	1.333333Y		1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3001 ALL	402068.9	3781889	1.42E-05	1.333333Y		1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3002 ALL	402088.9	3781889	1.32E-05	1.333333Y		1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3003 ALL	402108.9	3781889	1.23E-05	1.333333Y|	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3004 ALL	402128.9	3781889	1.13E-05	1.333333Y|	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3005 ALL	402148.9	3781889	1.09E-05	1.333333Y|	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3006 ALL	402168.9	3781889	1.01E-05	1.333333Y|	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3007 ALL	402188.9	3781889	9.30E-06	1.333333Y|	9.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3008 ALL	402208.9	3781889	8.60E-06	1.333333Y|	8.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3009 ALL	402228.9	3781889	7.93E-06	1.333333Y|	7.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3010 ALL	402248.9	3781889	7.42E-06	1.333333Y|	7.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3011 ALL	402268.9	3781889	6.88E-06	1.333333Y|	6.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3012 ALL	402288.9	3781889	6.49E-06	1.333333Y|	6.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3013 ALL	402308.9	3781889	6.16E-06	1.333333Y|	6.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3014 ALL	402328.9	3781889	5.86E-06	1.333333Y|	5.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3015 ALL	402348.9	3781889	5.68E-06	1.333333Y|	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3016 ALL	402368.9	3781889	5.32E-06	1.333333Y|	5.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3017 ALL	402388.9	3781889	5.02E-06	1.333333Y|	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3018 ALL	402408.9	3781889	4.86E-06	1.333333Y|	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3019 ALL	402428.9	3781889	4.67E-06	1.333333Y|	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3020 ALL	402448.9	3781889	4.46E-06	1.333333Y|	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3021 ALL	402468.9	3781889	4.23E-06	1.333333Y|	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3022 ALL	402488.9	3781889	4.05E-06	1.333333Y|	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3023 ALL	402508.9	3781889	3.88E-06	1.333333Y|	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3024 ALL	401308.9	3781909	1.46E-06	1.333333Y|	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3025 ALL	401328.9	3781909	1.54E-06	1.333333Y|	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3026 ALL	401348.9	3781909	1.62E-06	1.333333Y|	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3027 ALL	401368.9	3781909	1.72E-06	1.333333Y|	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3028 ALL	401388.9	3781909	1.81E-06	1.333333Y|	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3029 ALL	401408.9	3781909	1.92E-06	1.333333Y|	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3030 ALL	401428.9	3781909	2.05E-06	1.333333Y|	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3031 ALL	401448.9	3781909	2.23E-06	1.333333Y|	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3032 ALL	401468.9	3781909	2.46E-06	1.333333Y|	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3033 ALL	401488.9	3781909	2.75E-06	1.333333Y|	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3034 ALL	401508.9	3781909	3.13E-06	1.333333Y|	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3035 ALL	401528.9	3781909	3.54E-06	1.333333Y|	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3036 ALL	401548.9	3781909	3.87E-06	1.333333Y|	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3037 ALL	401568.9	3781909	4.17E-06	1.333333Y|	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3038 ALL	401588.9	3781909	4.66E-06	1.333333Y|	4.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3039 ALL	401608.9	3781909	5.09E-06	1.333333Y|	5.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3040 ALL	401628.9	3781909	5.26E-06	1.333333Y|	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3041 ALL	401648.9	3781909	5.14E-06	1.333333Y|	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3042 ALL	401668.9	3781909	5.59E-06	1.333333Y|	5.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3043 ALL	401688.9	3781909	6.33E-06	1.333333Y|	6.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3044 ALL	401708.9	3781909	7.25E-06	1.333333Y|	7.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3045 ALL	401728.9	3781909	8.40E-06	1.333333Y|	8.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3046 ALL	401748.9	3781909	1.01E-05	1.333333Y|	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3047 ALL	401768.9	3781909	1.12E-05	1.333333Y|	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3048 ALL	401788.9	3781909	1.29E-05	1.333333Y|	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3049 ALL	401808.9	3781909	1.50E-05	1.333333Y|	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3050 ALL	401828.9	3781909	1.85E-05	1.333333Y|	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3051 ALL	401848.9	3781909	1.99E-05	1.333333Y|	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3052 ALL	401868.9	3781909	2.15E-05	1.333333Y|	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3053 ALL	401888.9	3781909	1.95E-05	1.333333Y|	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3054 ALL	401908.9	3781909	1.76E-05	1.333333Y|	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3055 ALL	401928.9	3781909	1.54E-05	1.333333Y|	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3056 ALL	401948.9	3781909	1.41E-05	1.333333Y|	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3057 ALL	401968.9	3781909	1.31E-05	1.333333Y|	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3058 ALL	401988.9	3781909	1.26E-05	1.333333Y|	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3059 ALL	402008.9	3781909	1.22E-05	1.333333Y|	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3060 ALL	402028.9	3781909	1.19E-05	1.333333Y|	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3061 ALL	402048.9	3781909	1.14E-05	1.333333Y|	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3062 ALL	402068.9	3781909	1.12E-05	1.333333Y|	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3063 ALL	402088.9	3781909	1.08E-05	1.333333Y|	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3064 ALL	402108.9	3781909	1.03E-05	1.333333Y|	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3065 ALL	402128.9	3781909	9.64E-06	1.333333Y|	9.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3066 ALL	402148.9	3781909	9.45E-06	1.333333Y|	9.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3067 ALL	402168.9	3781909	9.12E-06	1.333333Y|	9.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3068 ALL	402188.9	3781909	8.41E-06	1.333333Y|	8.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3069 ALL	402208.9	3781909	7.91E-06	1.333333Y|	7.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3070 ALL	402228.9	3781909	7.37E-06	1.333333Y|	7.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3071 ALL	402248.9	3781909	6.88E-06	1.333333Y|	6.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3072 ALL	402268.9	3781909	6.37E-06	1.333333Y|	6.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3073 ALL	402288.9	3781909	5.94E-06	1.333333Y|	5.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3074 ALL	402308.9	3781909	5.70E-06	1.333333Y|	5.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3075 ALL	402328.9	3781909	5.48E-06	1.333333Y|	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3076 ALL	402348.9	3781909	5.33E-06	1.333333Y|	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3077 ALL	402368.9	3781909	5.14E-06	1.333333Y|	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3078 ALL	402388.9	3781909	4.95E-06	1.333333Y|	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3079 ALL	402408.9	3781909	4.70E-06	1.333333Y|	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3080 ALL	402428.9	3781909	4.51E-06	1.333333Y|	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3081 ALL	402448.9	3781909	4.33E-06	1.333333Y|	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3082 ALL	402468.9	3781909	4.17E-06	1.333333Y|	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3083 ALL	402488.9	3781909	4.00E-06	1.333333Y|	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3084 ALL	402508.9	3781909	3.85E-06	1.333333Y|	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3085 ALL	401308.9	3781929	1.37E-06	1.333333Y|	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3086 ALL	401328.9	3781929	1.45E-06	1.333333Y|	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3087 ALL	401348.9	3781929	1.53E-06	1.333333Y|	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3088 ALL	401368.9	3781929	1.62E-06	1.333333Y|	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3089 ALL	401388.9	3781929	1.71E-06	1.333333Y|	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3090 ALL	401408.9	3781929	1.80E-06	1.333333Y|	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3091 ALL	401428.9	3781929	1.93E-06	1.333333Y|	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3092 ALL	401448.9	3781929	2.05E-06	1.333333Y|	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3093 ALL	401468.9	3781929	2.30E-06	1.333333Y|	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3094 ALL	401488.9	3781929	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3095 ALL	401508.9	3781929	2.95E-06	1.333333Y	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3096 ALL	401528.9	3781929	3.19E-06	1.333333Y	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3097 ALL	401548.9	3781929	3.66E-06	1.333333Y	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3098 ALL	401568.9	3781929	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3099 ALL	401588.9	3781929	4.05E-06	1.333333Y	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3100 ALL	401608.9	3781929	3.99E-06	1.333333Y	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3101 ALL	401628.9	3781929	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3102 ALL	401648.9	3781929	4.70E-06	1.333333Y	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3103 ALL	401668.9	3781929	5.24E-06	1.333333Y	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3104 ALL	401688.9	3781929	5.90E-06	1.333333Y	5.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3105 ALL	401708.9	3781929	6.48E-06	1.333333Y	6.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3106 ALL	401728.9	3781929	7.08E-06	1.333333Y	7.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3107 ALL	401748.9	3781929	7.74E-06	1.333333Y	7.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3108 ALL	401768.9	3781929	7.87E-06	1.333333Y	7.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3109 ALL	401788.9	3781929	8.88E-06	1.333333Y	8.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3110 ALL	401808.9	3781929	1.04E-05	1.333333Y	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3111 ALL	401828.9	3781929	1.27E-05	1.333333Y	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3112 ALL	401848.9	3781929	1.34E-05	1.333333Y	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3113 ALL	401868.9	3781929	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3114 ALL	401888.9	3781929	1.29E-05	1.333333Y	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3115 ALL	401908.9	3781929	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3116 ALL	401928.9	3781929	1.14E-05	1.333333Y	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3117 ALL	401948.9	3781929	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3118 ALL	401968.9	3781929	9.72E-06	1.333333Y	9.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3119 ALL	401988.9	3781929	9.30E-06	1.333333Y	9.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3120 ALL	402008.9	3781929	9.25E-06	1.333333Y	9.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3121 ALL	402028.9	3781929	9.15E-06	1.333333Y	9.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3122 ALL	402048.9	3781929	8.97E-06	1.333333Y	8.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3123 ALL	402068.9	3781929	9.04E-06	1.333333Y	9.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3124 ALL	402088.9	3781929	8.82E-06	1.333333Y	8.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3125 ALL	402108.9	3781929	8.61E-06	1.333333Y	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3126 ALL	402128.9	3781929	8.25E-06	1.333333Y	8.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3127 ALL	402148.9	3781929	8.06E-06	1.333333Y	8.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3128 ALL	402168.9	3781929	8.11E-06	1.333333Y	8.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3129 ALL	402188.9	3781929	7.66E-06	1.333333Y	7.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3130 ALL	402208.9	3781929	7.29E-06	1.333333Y	7.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3131 ALL	402228.9	3781929	6.75E-06	1.333333Y	6.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3132 ALL	402248.9	3781929	6.37E-06	1.333333Y	6.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3133 ALL	402268.9	3781929	5.86E-06	1.333333Y	5.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3134 ALL	402288.9	3781929	5.43E-06	1.333333Y	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3135 ALL	402308.9	3781929	5.23E-06	1.333333Y	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3136 ALL	402328.9	3781929	4.98E-06	1.333333Y	4.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3137 ALL	402348.9	3781929	4.77E-06	1.333333Y	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3138 ALL	402368.9	3781929	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3139 ALL	402388.9	3781929	4.63E-06	1.333333Y	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3140 ALL	402408.9	3781929	4.53E-06	1.333333Y	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3141 ALL	402428.9	3781929	4.37E-06	1.333333Y	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3142 ALL	402448.9	3781929	4.20E-06	1.333333Y	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3143 ALL	402468.9	3781929	4.06E-06	1.333333Y	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3144 ALL	402488.9	3781929	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3145 ALL	402508.9	3781929	3.77E-06	1.333333Y	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3146 ALL	401308.9	3781949	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3147 ALL	401328.9	3781949	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3148 ALL	401348.9	3781949	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3149 ALL	401368.9	3781949	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3150 ALL	401388.9	3781949	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3151 ALL	401408.9	3781949	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3152 ALL	401428.9	3781949	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3153 ALL	401448.9	3781949	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3154 ALL	401468.9	3781949	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3155 ALL	401488.9	3781949	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3156 ALL	401508.9	3781949	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3157 ALL	401528.9	3781949	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3158 ALL	401548.9	3781949	3.09E-06	1.333333Y	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3159 ALL	401568.9	3781949	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3160 ALL	401588.9	3781949	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3161 ALL	401608.9	3781949	3.60E-06	1.333333Y	3.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3162 ALL	401628.9	3781949	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3163 ALL	401648.9	3781949	4.44E-06	1.333333Y	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3164 ALL	401668.9	3781949	4.81E-06	1.333333Y	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3165 ALL	401688.9	3781949	5.12E-06	1.333333Y	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3166 ALL	401708.9	3781949	5.52E-06	1.333333Y	5.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3167 ALL	401728.9	3781949	6.09E-06	1.333333Y	6.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3168 ALL	401748.9	3781949	5.98E-06	1.333333Y	5.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3169 ALL	401768.9	3781949	6.14E-06	1.333333Y	6.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3170 ALL	401788.9	3781949	6.57E-06	1.333333Y	6.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3171 ALL	401808.9	3781949	8.04E-06	1.333333Y	8.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3172 ALL	401828.9	3781949	9.55E-06	1.333333Y	9.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3173 ALL	401848.9	3781949	9.97E-06	1.333333Y	9.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3174 ALL	401868.9	3781949	9.64E-06	1.333333Y	9.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3175 ALL	401888.9	3781949	9.26E-06	1.333333Y	9.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3176 ALL	401908.9	3781949	8.76E-06	1.333333Y	8.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3177 ALL	401928.9	3781949	8.31E-06	1.333333Y	8.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3178 ALL	401948.9	3781949	7.78E-06	1.333333Y	7.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3179 ALL	401968.9	3781949	7.21E-06	1.333333Y	7.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3180 ALL	401988.9	3781949	6.94E-06	1.333333Y	6.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3181 ALL	402008.9	3781949	7.07E-06	1.333333Y	7.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3182 ALL	402028.9	3781949	7.17E-06	1.333333Y	7.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3183 ALL	402048.9	3781949	7.08E-06	1.333333Y	7.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3184 ALL	402068.9	3781949	7.33E-06	1.333333Y	7.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3185 ALL	402088.9	3781949	7.24E-06	1.33333Y	7.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3186 ALL	402108.9	3781949	7.21E-06	1.33333Y	7.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3187 ALL	402128.9	3781949	6.95E-06	1.33333Y	6.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3188 ALL	402148.9	3781949	6.70E-06	1.33333Y	6.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3189 ALL	402168.9	3781949	7.21E-06	1.33333Y	7.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3190 ALL	402188.9	3781949	6.95E-06	1.33333Y	6.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3191 ALL	402208.9	3781949	6.57E-06	1.33333Y	6.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3192 ALL	402228.9	3781949	6.17E-06	1.33333Y	6.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3193 ALL	402248.9	3781949	5.87E-06	1.33333Y	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3194 ALL	402268.9	3781949	5.49E-06	1.33333Y	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3195 ALL	402288.9	3781949	5.10E-06	1.33333Y	5.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3196 ALL	402308.9	3781949	4.79E-06	1.33333Y	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3197 ALL	402328.9	3781949	4.55E-06	1.33333Y	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3198 ALL	402348.9	3781949	4.37E-06	1.33333Y	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3199 ALL	402368.9	3781949	4.15E-06	1.33333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3200 ALL	402388.9	3781949	4.16E-06	1.33333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3201 ALL	402408.9	3781949	4.29E-06	1.33333Y	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3202 ALL	402428.9	3781949	4.15E-06	1.33333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3203 ALL	402448.9	3781949	4.02E-06	1.33333Y	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3204 ALL	402468.9	3781949	3.89E-06	1.33333Y	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3205 ALL	402488.9	3781949	3.76E-06	1.33333Y	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3206 ALL	402508.9	3781949	3.64E-06	1.33333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3207 ALL	401308.9	3781969	1.13E-06	1.33333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3208 ALL	401328.9	3781969	1.17E-06	1.33333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3209 ALL	401348.9	3781969	1.23E-06	1.33333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3210 ALL	401368.9	3781969	1.28E-06	1.33333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3211 ALL	401388.9	3781969	1.34E-06	1.33333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3212 ALL	401408.9	3781969	1.40E-06	1.33333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3213 ALL	401428.9	3781969	1.48E-06	1.33333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3214 ALL	401448.9	3781969	1.69E-06	1.33333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3215 ALL	401468.9	3781969	1.84E-06	1.33333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3216 ALL	401488.9	3781969	1.94E-06	1.33333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3217 ALL	401508.9	3781969	2.48E-06	1.33333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3218 ALL	401528.9	3781969	2.58E-06	1.33333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3219 ALL	401548.9	3781969	2.53E-06	1.33333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3220 ALL	401568.9	3781969	2.79E-06	1.33333Y	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3221 ALL	401588.9	3781969	3.04E-06	1.33333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3222 ALL	401608.9	3781969	3.38E-06	1.33333Y	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3223 ALL	401628.9	3781969	3.68E-06	1.33333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3224 ALL	401648.9	3781969	3.85E-06	1.33333Y	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3225 ALL	401668.9	3781969	4.26E-06	1.33333Y	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3226 ALL	401688.9	3781969	4.55E-06	1.33333Y	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3227 ALL	401708.9	3781969	4.69E-06	1.33333Y	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3228 ALL	401728.9	3781969	4.46E-06	1.33333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3229 ALL	401748.9	3781969	4.71E-06	1.33333Y	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3230 ALL	401768.9	3781969	4.88E-06	1.33333Y	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3231 ALL	401788.9	3781969	5.08E-06	1.33333Y	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3232 ALL	401808.9	3781969	6.10E-06	1.33333Y	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3233 ALL	401828.9	3781969	7.57E-06	1.33333Y	7.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3234 ALL	401848.9	3781969	7.82E-06	1.33333Y	7.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3235 ALL	401868.9	3781969	7.42E-06	1.33333Y	7.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3236 ALL	401888.9	3781969	6.89E-06	1.33333Y	6.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3237 ALL	401908.9	3781969	6.49E-06	1.33333Y	6.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3238 ALL	401928.9	3781969	6.10E-06	1.33333Y	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3239 ALL	401948.9	3781969	5.82E-06	1.33333Y	5.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3240 ALL	401968.9	3781969	5.68E-06	1.33333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3241 ALL	401988.9	3781969	5.57E-06	1.33333Y	5.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3242 ALL	402008.9	3781969	5.64E-06	1.33333Y	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3243 ALL	402028.9	3781969	5.68E-06	1.33333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3244 ALL	402048.9	3781969	5.77E-06	1.33333Y	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3245 ALL	402068.9	3781969	5.71E-06	1.33333Y	5.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3246 ALL	402088.9	3781969	5.68E-06	1.33333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3247 ALL	402108.9	3781969	5.96E-06	1.33333Y	5.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3248 ALL	402128.9	3781969	5.78E-06	1.33333Y	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3249 ALL	402148.9	3781969	5.71E-06	1.33333Y	5.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3250 ALL	402168.9	3781969	6.43E-06	1.33333Y	6.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3251 ALL	402188.9	3781969	6.27E-06	1.33333Y	6.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3252 ALL	402208.9	3781969	5.83E-06	1.33333Y	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3253 ALL	402228.9	3781969	5.59E-06	1.33333Y	5.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3254 ALL	402248.9	3781969	5.33E-06	1.33333Y	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3255 ALL	402268.9	3781969	5.14E-06	1.33333Y	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3256 ALL	402288.9	3781969	4.91E-06	1.33333Y	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3257 ALL	402308.9	3781969	4.54E-06	1.33333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3258 ALL	402328.9	3781969	4.15E-06	1.33333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3259 ALL	402348.9	3781969	3.93E-06	1.33333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3260 ALL	402368.9	3781969	3.74E-06	1.33333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3261 ALL	402388.9	3781969	3.77E-06	1.33333Y	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3262 ALL	402408.9	3781969	4.01E-06	1.33333Y	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3263 ALL	402428.9	3781969	3.90E-06	1.33333Y	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3264 ALL	402448.9	3781969	3.79E-06	1.33333Y	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3265 ALL	402468.9	3781969	3.68E-06	1.33333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3266 ALL	402488.9	3781969	3.59E-06	1.33333Y	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3267 ALL	402508.9	3781969	3.48E-06	1.33333Y	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3268 ALL	401308.9	3781989	1.08E-06	1.33333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3269 ALL	401328.9	3781989	1.12E-06	1.33333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3270 ALL	401348.9	3781989	1.17E-06	1.33333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3271 ALL	401368.9	3781989	1.23E-06	1.33333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3272 ALL	401388.9	3781989	1.29E-06	1.33333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3273 ALL	401408.9	3781989	1.34E-06	1.33333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3274 ALL	401428.9	3781989	1.43E-06	1.33333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3275 ALL	401448.9	3781989	1.55E-06	1.33333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3276 ALL	401468.9	3781989	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3277 ALL	401488.9	3781989	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3278 ALL	401508.9	3781989	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3279 ALL	401528.9	3781989	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3280 ALL	401548.9	3781989	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3281 ALL	401568.9	3781989	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3282 ALL	401588.9	3781989	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3283 ALL	401608.9	3781989	2.97E-06	1.333333Y	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3284 ALL	401628.9	3781989	3.25E-06	1.333333Y	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3285 ALL	401648.9	3781989	3.52E-06	1.333333Y	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3286 ALL	401668.9	3781989	3.52E-06	1.333333Y	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3287 ALL	401688.9	3781989	3.25E-06	1.333333Y	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3288 ALL	401708.9	3781989	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3289 ALL	401728.9	3781989	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3290 ALL	401748.9	3781989	3.79E-06	1.333333Y	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3291 ALL	401768.9	3781989	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3292 ALL	401788.9	3781989	3.97E-06	1.333333Y	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3293 ALL	401808.9	3781989	4.54E-06	1.333333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3294 ALL	401828.9	3781989	6.06E-06	1.333333Y	6.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3295 ALL	401848.9	3781989	6.11E-06	1.333333Y	6.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3296 ALL	401868.9	3781989	5.79E-06	1.333333Y	5.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3297 ALL	401888.9	3781989	5.27E-06	1.333333Y	5.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3298 ALL	401908.9	3781989	4.94E-06	1.333333Y	4.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3299 ALL	401928.9	3781989	4.84E-06	1.333333Y	4.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3300 ALL	401948.9	3781989	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3301 ALL	401968.9	3781989	4.74E-06	1.333333Y	4.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3302 ALL	401988.9	3781989	4.71E-06	1.333333Y	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3303 ALL	402008.9	3781989	4.72E-06	1.333333Y	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3304 ALL	402028.9	3781989	4.72E-06	1.333333Y	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3305 ALL	402048.9	3781989	4.89E-06	1.333333Y	4.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3306 ALL	402068.9	3781989	4.83E-06	1.333333Y	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3307 ALL	402088.9	3781989	4.78E-06	1.333333Y	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3308 ALL	402108.9	3781989	4.78E-06	1.333333Y	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3309 ALL	402128.9	3781989	4.85E-06	1.333333Y	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3310 ALL	402148.9	3781989	5.05E-06	1.333333Y	5.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3311 ALL	402168.9	3781989	5.68E-06	1.333333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3312 ALL	402188.9	3781989	5.53E-06	1.333333Y	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3313 ALL	402208.9	3781989	5.21E-06	1.333333Y	5.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3314 ALL	402228.9	3781989	5.00E-06	1.333333Y	5.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3315 ALL	402248.9	3781989	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3316 ALL	402268.9	3781989	4.53E-06	1.333333Y	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3317 ALL	402288.9	3781989	4.32E-06	1.333333Y	4.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3318 ALL	402308.9	3781989	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3319 ALL	402328.9	3781989	3.58E-06	1.333333Y	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3320 ALL	402348.9	3781989	3.50E-06	1.333333Y	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3321 ALL	402368.9	3781989	3.37E-06	1.333333Y	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3322 ALL	402388.9	3781989	3.37E-06	1.333333Y	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3323 ALL	402408.9	3781989	3.73E-06	1.333333Y	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3324 ALL	402428.9	3781989	3.65E-06	1.333333Y	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3325 ALL	402448.9	3781989	3.53E-06	1.333333Y	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3326 ALL	402468.9	3781989	3.44E-06	1.333333Y	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3327 ALL	402488.9	3781989	3.35E-06	1.333333Y	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3328 ALL	402508.9	3781989	3.27E-06	1.333333Y	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3329 ALL	401308.9	3782009	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3330 ALL	401328.9	3782009	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3331 ALL	401348.9	3782009	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3332 ALL	401368.9	3782009	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3333 ALL	401388.9	3782009	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3334 ALL	401408.9	3782009	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3335 ALL	401428.9	3782009	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3336 ALL	401448.9	3782009	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3337 ALL	401468.9	3782009	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3338 ALL	401488.9	3782009	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3339 ALL	401508.9	3782009	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3340 ALL	401528.9	3782009	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3341 ALL	401548.9	3782009	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3342 ALL	401568.9	3782009	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3343 ALL	401588.9	3782009	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3344 ALL	401608.9	3782009	2.71E-06	1.333333Y	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3345 ALL	401628.9	3782009	2.72E-06	1.333333Y	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3346 ALL	401648.9	3782009	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3347 ALL	401668.9	3782009	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3348 ALL	401688.9	3782009	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3349 ALL	401708.9	3782009	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3350 ALL	401728.9	3782009	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3351 ALL	401748.9	3782009	3.14E-06	1.333333Y	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3352 ALL	401768.9	3782009	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3353 ALL	401788.9	3782009	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3354 ALL	401808.9	3782009	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3355 ALL	401828.9	3782009	4.41E-06	1.333333Y	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3356 ALL	401848.9	3782009	4.50E-06	1.333333Y	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3357 ALL	401868.9	3782009	4.09E-06	1.333333Y	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3358 ALL	401888.9	3782009	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3359 ALL	401908.9	3782009	3.89E-06	1.333333Y	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3360 ALL	401928.9	3782009	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3361 ALL	401948.9	3782009	3.95E-06	1.333333Y	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3362 ALL	401968.9	3782009	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3363 ALL	401988.9	3782009	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3364 ALL	402008.9	3782009	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3365 ALL	402028.9	3782009	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3366 ALL	402048.9	3782009	4.02E-06	1.333333Y	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3367 ALL	402068.9	3782009	4.13E-06	1.333333Y	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3368 ALL	402088.9	3782009	4.22E-06	1.333333Y	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3369 ALL	402108.9	3782009	4.16E-06	1.333333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3370 ALL	402128.9	3782009	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3371 ALL	402148.9	3782009	4.79E-06	1.333333Y	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3372 ALL	402168.9	3782009	4.96E-06	1.333333Y	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3373 ALL	402188.9	3782009	4.95E-06	1.333333Y	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3374 ALL	402208.9	3782009	4.63E-06	1.333333Y	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3375 ALL	402228.9	3782009	4.45E-06	1.333333Y	4.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3376 ALL	402248.9	3782009	4.25E-06	1.333333Y	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3377 ALL	402268.9	3782009	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3378 ALL	402288.9	3782009	3.66E-06	1.333333Y	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3379 ALL	402308.9	3782009	3.29E-06	1.333333Y	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3380 ALL	402328.9	3782009	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3381 ALL	402348.9	3782009	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3382 ALL	402368.9	3782009	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3383 ALL	402388.9	3782009	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3384 ALL	402408.9	3782009	3.29E-06	1.333333Y	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3385 ALL	402428.9	3782009	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3386 ALL	402448.9	3782009	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3387 ALL	402468.9	3782009	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3388 ALL	402488.9	3782009	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3389 ALL	402508.9	3782009	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3390 ALL	401308.9	3782029	9.83E-07	1.333333Y	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3391 ALL	401328.9	3782029	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3392 ALL	401348.9	3782029	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3393 ALL	401368.9	3782029	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3394 ALL	401388.9	3782029	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3395 ALL	401408.9	3782029	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3396 ALL	401428.9	3782029	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3397 ALL	401448.9	3782029	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3398 ALL	401468.9	3782029	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3399 ALL	401488.9	3782029	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400 ALL	401508.9	3782029	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3401 ALL	401528.9	3782029	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3402 ALL	401548.9	3782029	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3403 ALL	401568.9	3782029	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3404 ALL	401588.9	3782029	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3405 ALL	401608.9	3782029	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3406 ALL	401628.9	3782029	1.91E-06	1.333333Y	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3407 ALL	401648.9	3782029	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3408 ALL	401668.9	3782029	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3409 ALL	401688.9	3782029	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3410 ALL	401708.9	3782029	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3411 ALL	401728.9	3782029	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3412 ALL	401748.9	3782029	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3413 ALL	401768.9	3782029	2.55E-06	1.333333Y	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3414 ALL	401788.9	3782029	2.67E-06	1.333333Y	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3415 ALL	401808.9	3782029	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3416 ALL	401828.9	3782029	3.30E-06	1.333333Y	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3417 ALL	401848.9	3782029	3.39E-06	1.333333Y	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3418 ALL	401868.9	3782029	3.27E-06	1.333333Y	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3419 ALL	401888.9	3782029	3.21E-06	1.333333Y	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3420 ALL	401908.9	3782029	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3421 ALL	401928.9	3782029	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3422 ALL	401948.9	3782029	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3423 ALL	401968.9	3782029	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3424 ALL	401988.9	3782029	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3425 ALL	402008.9	3782029	3.00E-06	1.333333Y	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3426 ALL	402028.9	3782029	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3427 ALL	402048.9	3782029	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3428 ALL	402068.9	3782029	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3429 ALL	402088.9	3782029	3.40E-06	1.333333Y	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3430 ALL	402108.9	3782029	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3431 ALL	402128.9	3782029	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3432 ALL	402148.9	3782029	4.24E-06	1.333333Y	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3433 ALL	402168.9	3782029	4.37E-06	1.333333Y	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3434 ALL	402188.9	3782029	4.28E-06	1.333333Y	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3435 ALL	402208.9	3782029	3.99E-06	1.333333Y	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3436 ALL	402228.9	3782029	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3437 ALL	402248.9	3782029	3.66E-06	1.333333Y	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3438 ALL	402268.9	3782029	3.49E-06	1.333333Y	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3439 ALL	402288.9	3782029	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3440 ALL	402308.9	3782029	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3441 ALL	402328.9	3782029	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3442 ALL	402348.9	3782029	2.72E-06	1.333333Y	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3443 ALL	402368.9	3782029	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3444 ALL	402388.9	3782029	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3445 ALL	402408.9	3782029	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3446 ALL	402428.9	3782029	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3447 ALL	402448.9	3782029	2.83E-06	1.333333Y	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3448 ALL	402468.9	3782029	2.85E-06	1.333333Y	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3449 ALL	402488.9	3782029	2.81E-06	1.333333Y	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3450 ALL	402508.9	3782029	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3451 ALL	401308.9	3782049	9.01E-07	1.333333Y	9.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3452 ALL	401328.9	3782049	9.22E-07	1.333333Y	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3453 ALL	401348.9	3782049	9.18E-07	1.333333Y	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3454 ALL	401368.9	3782049	9.53E-07	1.333333Y	9.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3455 ALL	401388.9	3782049	9.90E-07	1.333333Y	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3456 ALL	401408.9	3782049	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3457 ALL	401428.9	3782049	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3458 ALL	401448.9	3782049	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3459 ALL	401468.9	3782049	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3460 ALL	401488.9	3782049	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3461 ALL	401508.9	3782049	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3462 ALL	401528.9	3782049	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3463 ALL	401548.9	3782049	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3464 ALL	401568.9	3782049	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3465 ALL	401588.9	3782049	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3466 ALL	401608.9	3782049	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3467 ALL	401628.9	3782049	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3468 ALL	401648.9	3782049	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3469 ALL	401668.9	3782049	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3470 ALL	401688.9	3782049	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3471 ALL	401708.9	3782049	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3472 ALL	401728.9	3782049	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3473 ALL	401748.9	3782049	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3474 ALL	401768.9	3782049	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3475 ALL	401788.9	3782049	2.32E-06	1.333333Y	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3476 ALL	401808.9	3782049	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3477 ALL	401828.9	3782049	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3478 ALL	401848.9	3782049	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479 ALL	401868.9	3782049	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3480 ALL	401888.9	3782049	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3481 ALL	401908.9	3782049	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3482 ALL	401928.9	3782049	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3483 ALL	401948.9	3782049	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3484 ALL	401968.9	3782049	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3485 ALL	401988.9	3782049	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3486 ALL	402008.9	3782049	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3487 ALL	402028.9	3782049	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3488 ALL	402048.9	3782049	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3489 ALL	402068.9	3782049	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3490 ALL	402088.9	3782049	2.78E-06	1.333333Y	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3491 ALL	402108.9	3782049	2.87E-06	1.333333Y	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3492 ALL	402128.9	3782049	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3493 ALL	402148.9	3782049	3.73E-06	1.333333Y	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3494 ALL	402168.9	3782049	3.96E-06	1.333333Y	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3495 ALL	402188.9	3782049	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3496 ALL	402208.9	3782049	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3497 ALL	402228.9	3782049	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3498 ALL	402248.9	3782049	3.25E-06	1.333333Y	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3499 ALL	402268.9	3782049	2.95E-06	1.333333Y	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3500 ALL	402288.9	3782049	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3501 ALL	402308.9	3782049	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3502 ALL	402328.9	3782049	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3503 ALL	402348.9	3782049	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3504 ALL	402368.9	3782049	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3505 ALL	402388.9	3782049	2.35E-06	1.333333Y	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3506 ALL	402408.9	3782049	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3507 ALL	402428.9	3782049	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3508 ALL	402448.9	3782049	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3509 ALL	402468.9	3782049	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3510 ALL	402488.9	3782049	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3511 ALL	402508.9	3782049	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3512 ALL	401308.9	3782069	8.24E-07	1.333333Y	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3513 ALL	401328.9	3782069	8.36E-07	1.333333Y	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3514 ALL	401348.9	3782069	8.62E-07	1.333333Y	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3515 ALL	401368.9	3782069	8.91E-07	1.333333Y	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3516 ALL	401388.9	3782069	9.39E-07	1.333333Y	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3517 ALL	401408.9	3782069	9.83E-07	1.333333Y	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3518 ALL	401428.9	3782069	9.91E-07	1.333333Y	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3519 ALL	401448.9	3782069	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3520 ALL	401468.9	3782069	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3521 ALL	401488.9	3782069	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3522 ALL	401508.9	3782069	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3523 ALL	401528.9	3782069	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3524 ALL	401548.9	3782069	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3525 ALL	401568.9	3782069	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3526 ALL	401588.9	3782069	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3527 ALL	401608.9	3782069	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3528 ALL	401628.9	3782069	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3529 ALL	401648.9	3782069	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3530 ALL	401668.9	3782069	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3531 ALL	401688.9	3782069	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3532 ALL	401708.9	3782069	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3533 ALL	401728.9	3782069	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3534 ALL	401748.9	3782069	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3535 ALL	401768.9	3782069	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3536 ALL	401788.9	3782069	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3537 ALL	401808.9	3782069	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3538 ALL	401828.9	3782069	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3539 ALL	401848.9	3782069	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3540 ALL	401868.9	3782069	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3541 ALL	401888.9	3782069	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3542 ALL	401908.9	3782069	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3543 ALL	401928.9	3782069	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3544 ALL	401948.9	3782069	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3545 ALL	401968.9	3782069	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3546 ALL	401988.9	3782069	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3547 ALL	402008.9	3782069	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3548 ALL	402028.9	3782069	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3549	ALL	402048.9	3782069	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3550	ALL	402068.9	3782069	2.46E-06	1.333333Y	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3551	ALL	402088.9	3782069	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3552	ALL	402108.9	3782069	2.57E-06	1.333333Y	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3553	ALL	402128.9	3782069	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3554	ALL	402148.9	3782069	3.21E-06	1.333333Y	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3555	ALL	402168.9	3782069	3.45E-06	1.333333Y	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3556	ALL	402188.9	3782069	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3557	ALL	402208.9	3782069	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3558	ALL	402228.9	3782069	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3559	ALL	402248.9	3782069	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3560	ALL	402268.9	3782069	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3561	ALL	402288.9	3782069	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3562	ALL	402308.9	3782069	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3563	ALL	402328.9	3782069	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3564	ALL	402348.9	3782069	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3565	ALL	402368.9	3782069	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3566	ALL	402388.9	3782069	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3567	ALL	402408.9	3782069	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3568	ALL	402428.9	3782069	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3569	ALL	402448.9	3782069	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3570	ALL	402468.9	3782069	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3571	ALL	402488.9	3782069	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3572	ALL	402508.9	3782069	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3573	ALL	401308.9	3782089	7.77E-07	1.333333Y	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3574	ALL	401328.9	3782089	7.98E-07	1.333333Y	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3575	ALL	401348.9	3782089	8.26E-07	1.333333Y	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3576	ALL	401368.9	3782089	8.51E-07	1.333333Y	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3577	ALL	401388.9	3782089	8.68E-07	1.333333Y	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3578	ALL	401408.9	3782089	8.80E-07	1.333333Y	8.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3579	ALL	401428.9	3782089	9.25E-07	1.333333Y	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3580	ALL	401448.9	3782089	9.23E-07	1.333333Y	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3581	ALL	401468.9	3782089	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3582	ALL	401488.9	3782089	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3583	ALL	401508.9	3782089	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3584	ALL	401528.9	3782089	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3585	ALL	401548.9	3782089	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3586	ALL	401568.9	3782089	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3587	ALL	401588.9	3782089	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3588	ALL	401608.9	3782089	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3589	ALL	401628.9	3782089	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3590	ALL	401648.9	3782089	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3591	ALL	401668.9	3782089	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3592	ALL	401688.9	3782089	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3593	ALL	401708.9	3782089	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3594	ALL	401728.9	3782089	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3595	ALL	401748.9	3782089	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3596	ALL	401768.9	3782089	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3597	ALL	401788.9	3782089	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3598	ALL	401808.9	3782089	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3599	ALL	401828.9	3782089	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3600	ALL	401848.9	3782089	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3601	ALL	401868.9	3782089	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3602	ALL	401888.9	3782089	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3603	ALL	401908.9	3782089	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3604	ALL	401928.9	3782089	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3605	ALL	401948.9	3782089	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3606	ALL	401968.9	3782089	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3607	ALL	401988.9	3782089	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3608	ALL	402008.9	3782089	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3609	ALL	402028.9	3782089	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3610	ALL	402048.9	3782089	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3611	ALL	402068.9	3782089	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3612	ALL	402088.9	3782089	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3613	ALL	402108.9	3782089	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3614	ALL	402128.9	3782089	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3615	ALL	402148.9	3782089	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3616	ALL	402168.9	3782089	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3617	ALL	402188.9	3782089	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3618	ALL	402208.9	3782089	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3619	ALL	402228.9	3782089	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3620	ALL	402248.9	3782089	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3621	ALL	402268.9	3782089	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3622	ALL	402288.9	3782089	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3623	ALL	402308.9	3782089	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3624	ALL	402328.9	3782089	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3625	ALL	402348.9	3782089	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3626	ALL	402368.9	3782089	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3627	ALL	402388.9	3782089	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3628	ALL	402408.9	3782089	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3629	ALL	402428.9	3782089	1.91E-06	1.333333Y	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3630	ALL	402448.9	3782089	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3631	ALL	402468.9	3782089	2.16E-06	1.333333Y	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3632	ALL	402488.9	3782089	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3633	ALL	402508.9	3782089	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3634	ALL	401308.9	3782109	7.45E-07	1.333333Y	7.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3635	ALL	401328.9	3782109	7.69E-07	1.333333Y	7.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3636	ALL	401348.9	3782109	7.91E-07	1.333333Y	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3637	ALL	401368.9	3782109	7.94E-07	1.333333Y	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3638	ALL	401388.9	3782109	8.06E-07	1.333333Y	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3639	ALL	401408.9	3782109	8.14E-07	1.333333Y	8.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3640	ALL	401428.9	3782109	8.21E-07	1.333333Y|	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3641	ALL	401448.9	3782109	8.33E-07	1.333333Y|	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3642	ALL	401468.9	3782109	9.26E-07	1.333333Y|	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3643	ALL	401488.9	3782109	1.08E-06	1.333333Y|	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3644	ALL	401508.9	3782109	1.05E-06	1.333333Y|	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3645	ALL	401528.9	3782109	1.13E-06	1.333333Y|	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3646	ALL	401548.9	3782109	1.11E-06	1.333333Y|	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3647	ALL	401568.9	3782109	1.09E-06	1.333333Y|	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3648	ALL	401588.9	3782109	1.12E-06	1.333333Y|	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3649	ALL	401608.9	3782109	1.16E-06	1.333333Y|	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3650	ALL	401628.9	3782109	1.20E-06	1.333333Y|	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3651	ALL	401648.9	3782109	1.22E-06	1.333333Y|	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3652	ALL	401668.9	3782109	1.25E-06	1.333333Y|	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3653	ALL	401688.9	3782109	1.23E-06	1.333333Y|	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3654	ALL	401708.9	3782109	1.21E-06	1.333333Y|	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3655	ALL	401728.9	3782109	1.22E-06	1.333333Y|	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3656	ALL	401748.9	3782109	1.35E-06	1.333333Y|	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3657	ALL	401768.9	3782109	1.45E-06	1.333333Y|	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3658	ALL	401788.9	3782109	1.55E-06	1.333333Y|	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3659	ALL	401808.9	3782109	1.35E-06	1.333333Y|	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3660	ALL	401828.9	3782109	1.30E-06	1.333333Y|	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3661	ALL	401848.9	3782109	1.30E-06	1.333333Y|	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3662	ALL	401868.9	3782109	1.28E-06	1.333333Y|	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3663	ALL	401888.9	3782109	1.33E-06	1.333333Y|	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3664	ALL	401908.9	3782109	1.29E-06	1.333333Y|	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3665	ALL	401928.9	3782109	1.30E-06	1.333333Y|	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3666	ALL	401948.9	3782109	1.36E-06	1.333333Y|	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3667	ALL	401968.9	3782109	1.51E-06	1.333333Y|	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3668	ALL	401988.9	3782109	1.64E-06	1.333333Y|	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3669	ALL	402008.9	3782109	1.51E-06	1.333333Y|	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3670	ALL	402028.9	3782109	1.58E-06	1.333333Y|	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3671	ALL	402048.9	3782109	1.73E-06	1.333333Y|	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3672	ALL	402068.9	3782109	1.77E-06	1.333333Y|	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3673	ALL	402088.9	3782109	1.77E-06	1.333333Y|	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3674	ALL	402108.9	3782109	1.79E-06	1.333333Y|	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3675	ALL	402128.9	3782109	1.84E-06	1.333333Y|	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3676	ALL	402148.9	3782109	1.89E-06	1.333333Y|	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3677	ALL	402168.9	3782109	2.28E-06	1.333333Y|	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3678	ALL	402188.9	3782109	2.59E-06	1.333333Y|	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3679	ALL	402208.9	3782109	1.79E-06	1.333333Y|	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3680	ALL	402228.9	3782109	1.54E-06	1.333333Y|	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3681	ALL	402248.9	3782109	1.56E-06	1.333333Y|	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3682	ALL	402268.9	3782109	1.58E-06	1.333333Y|	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3683	ALL	402288.9	3782109	1.59E-06	1.333333Y|	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3684	ALL	402308.9	3782109	1.57E-06	1.333333Y|	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3685	ALL	402328.9	3782109	1.54E-06	1.333333Y|	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3686	ALL	402348.9	3782109	1.51E-06	1.333333Y|	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3687	ALL	402368.9	3782109	1.51E-06	1.333333Y|	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3688	ALL	402388.9	3782109	1.54E-06	1.333333Y|	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3689	ALL	402408.9	3782109	1.59E-06	1.333333Y|	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3690	ALL	402428.9	3782109	1.65E-06	1.333333Y|	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3691	ALL	402448.9	3782109	1.71E-06	1.333333Y|	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3692	ALL	402468.9	3782109	1.79E-06	1.333333Y|	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3693	ALL	402488.9	3782109	1.67E-06	1.333333Y|	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3694	ALL	402508.9	3782109	1.64E-06	1.333333Y|	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3695	ALL	401308.9	3782129	7.12E-07	1.333333Y|	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3696	ALL	401328.9	3782129	7.29E-07	1.333333Y|	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3697	ALL	401348.9	3782129	7.38E-07	1.333333Y|	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3698	ALL	401368.9	3782129	7.40E-07	1.333333Y|	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3699	ALL	401388.9	3782129	7.47E-07	1.333333Y|	7.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3700	ALL	401408.9	3782129	7.53E-07	1.333333Y|	7.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3701	ALL	401428.9	3782129	7.73E-07	1.333333Y|	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3702	ALL	401448.9	3782129	7.65E-07	1.333333Y|	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3703	ALL	401468.9	3782129	8.13E-07	1.333333Y|	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3704	ALL	401488.9	3782129	8.52E-07	1.333333Y|	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3705	ALL	401508.9	3782129	8.54E-07	1.333333Y|	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3706	ALL	401528.9	3782129	9.17E-07	1.333333Y|	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3707	ALL	401548.9	3782129	8.92E-07	1.333333Y|	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3708	ALL	401568.9	3782129	8.90E-07	1.333333Y|	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3709	ALL	401588.9	3782129	9.29E-07	1.333333Y|	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3710	ALL	401608.9	3782129	9.55E-07	1.333333Y|	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3711	ALL	401628.9	3782129	9.92E-07	1.333333Y|	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3712	ALL	401648.9	3782129	1.05E-06	1.333333Y|	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3713	ALL	401668.9	3782129	1.05E-06	1.333333Y|	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3714	ALL	401688.9	3782129	1.02E-06	1.333333Y|	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3715	ALL	401708.9	3782129	1.03E-06	1.333333Y|	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3716	ALL	401728.9	3782129	1.03E-06	1.333333Y|	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3717	ALL	401748.9	3782129	1.14E-06	1.333333Y|	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3718	ALL	401768.9	3782129	1.24E-06	1.333333Y|	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3719	ALL	401788.9	3782129	1.35E-06	1.333333Y|	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3720	ALL	401808.9	3782129	1.19E-06	1.333333Y|	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3721	ALL	401828.9	3782129	1.10E-06	1.333333Y|	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3722	ALL	401848.9	3782129	1.11E-06	1.333333Y|	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3723	ALL	401868.9	3782129	1.10E-06	1.333333Y|	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3724	ALL	401888.9	3782129	1.12E-06	1.333333Y|	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3725	ALL	401908.9	3782129	1.12E-06	1.333333Y|	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3726	ALL	401928.9	3782129	1.16E-06	1.333333Y|	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3727	ALL	401948.9	3782129	1.23E-06	1.333333Y|	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3728	ALL	401968.9	3782129	1.39E-06	1.333333Y|	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3729	ALL	401988.9	3782129	1.39E-06	1.333333Y|	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3730	ALL	402008.9	3782129	1.28E-06	1.333333Y|	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3731 ALL	402028.9	3782129	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3732 ALL	402048.9	3782129	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3733 ALL	402068.9	3782129	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3734 ALL	402088.9	3782129	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3735 ALL	402108.9	3782129	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3736 ALL	402128.9	3782129	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3737 ALL	402148.9	3782129	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3738 ALL	402168.9	3782129	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3739 ALL	402188.9	3782129	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3740 ALL	402208.9	3782129	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3741 ALL	402228.9	3782129	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3742 ALL	402248.9	3782129	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3743 ALL	402268.9	3782129	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3744 ALL	402288.9	3782129	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3745 ALL	402308.9	3782129	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3746 ALL	402328.9	3782129	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3747 ALL	402348.9	3782129	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3748 ALL	402368.9	3782129	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3749 ALL	402388.9	3782129	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3750 ALL	402408.9	3782129	1.42E-06	1.333333Y	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3751 ALL	402428.9	3782129	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3752 ALL	402448.9	3782129	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3753 ALL	402468.9	3782129	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3754 ALL	402488.9	3782129	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3755 ALL	402508.9	3782129	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3756 ALL	401308.9	3782149	6.36E-07	1.333333Y	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3757 ALL	401328.9	3782149	6.75E-07	1.333333Y	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3758 ALL	401348.9	3782149	6.85E-07	1.333333Y	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3759 ALL	401368.9	3782149	6.88E-07	1.333333Y	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3760 ALL	401388.9	3782149	6.95E-07	1.333333Y	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3761 ALL	401408.9	3782149	7.05E-07	1.333333Y	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3762 ALL	401428.9	3782149	6.99E-07	1.333333Y	6.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3763 ALL	401448.9	3782149	7.02E-07	1.333333Y	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3764 ALL	401468.9	3782149	7.22E-07	1.333333Y	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3765 ALL	401488.9	3782149	6.97E-07	1.333333Y	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3766 ALL	401508.9	3782149	7.15E-07	1.333333Y	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3767 ALL	401528.9	3782149	7.55E-07	1.333333Y	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3768 ALL	401548.9	3782149	7.55E-07	1.333333Y	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3769 ALL	401568.9	3782149	7.56E-07	1.333333Y	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3770 ALL	401588.9	3782149	7.92E-07	1.333333Y	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3771 ALL	401608.9	3782149	8.12E-07	1.333333Y	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3772 ALL	401628.9	3782149	8.45E-07	1.333333Y	8.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3773 ALL	401648.9	3782149	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3774 ALL	401668.9	3782149	9.10E-07	1.333333Y	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3775 ALL	401688.9	3782149	8.70E-07	1.333333Y	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3776 ALL	401708.9	3782149	8.84E-07	1.333333Y	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3777 ALL	401728.9	3782149	9.06E-07	1.333333Y	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3778 ALL	401748.9	3782149	9.76E-07	1.333333Y	9.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3779 ALL	401768.9	3782149	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3780 ALL	401788.9	3782149	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3781 ALL	401808.9	3782149	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3782 ALL	401828.9	3782149	9.86E-07	1.333333Y	9.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3783 ALL	401848.9	3782149	9.72E-07	1.333333Y	9.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3784 ALL	401868.9	3782149	9.70E-07	1.333333Y	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3785 ALL	401888.9	3782149	9.79E-07	1.333333Y	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3786 ALL	401908.9	3782149	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3787 ALL	401928.9	3782149	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3788 ALL	401948.9	3782149	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3789 ALL	401968.9	3782149	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3790 ALL	401988.9	3782149	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3791 ALL	402008.9	3782149	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3792 ALL	402028.9	3782149	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3793 ALL	402048.9	3782149	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3794 ALL	402068.9	3782149	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3795 ALL	402088.9	3782149	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3796 ALL	402108.9	3782149	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3797 ALL	402128.9	3782149	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3798 ALL	402148.9	3782149	1.42E-06	1.333333Y	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3799 ALL	402168.9	3782149	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3800 ALL	402188.9	3782149	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3801 ALL	402208.9	3782149	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3802 ALL	402228.9	3782149	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3803 ALL	402248.9	3782149	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3804 ALL	402268.9	3782149	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3805 ALL	402288.9	3782149	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3806 ALL	402308.9	3782149	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3807 ALL	402328.9	3782149	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3808 ALL	402348.9	3782149	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3809 ALL	402368.9	3782149	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3810 ALL	402388.9	3782149	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3811 ALL	402408.9	3782149	1.27E-06	1.333333Y	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3812 ALL	402428.9	3782149	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3813 ALL	402448.9	3782149	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3814 ALL	402468.9	3782149	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3815 ALL	402488.9	3782149	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3816 ALL	402508.9	3782149	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3817 ALL	401308.9	3782169	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3818 ALL	401328.9	3782169	6.16E-07	1.333333Y	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3819 ALL	401348.9	3782169	6.08E-07	1.333333Y	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3820 ALL	401368.9	3782169	6.22E-07	1.333333Y	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3821 ALL	401388.9	3782169	6.43E-07	1.333333Y	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3822 ALL	401408.9	3782169	6.56E-07	1.333333Y	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3823 ALL	401428.9	3782169	6.57E-07	1.333333Y	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3824 ALL	401448.9	3782169	6.85E-07	1.333333Y	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3825 ALL	401468.9	3782169	7.10E-07	1.333333Y	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3826 ALL	401488.9	3782169	6.55E-07	1.333333Y	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3827 ALL	401508.9	3782169	6.41E-07	1.333333Y	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3828 ALL	401528.9	3782169	6.57E-07	1.333333Y	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3829 ALL	401548.9	3782169	6.68E-07	1.333333Y	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3830 ALL	401568.9	3782169	6.70E-07	1.333333Y	6.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3831 ALL	401588.9	3782169	6.95E-07	1.333333Y	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3832 ALL	401608.9	3782169	7.11E-07	1.333333Y	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3833 ALL	401628.9	3782169	7.34E-07	1.333333Y	7.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3834 ALL	401648.9	3782169	7.61E-07	1.333333Y	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3835 ALL	401668.9	3782169	7.94E-07	1.333333Y	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3836 ALL	401688.9	3782169	7.73E-07	1.333333Y	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3837 ALL	401708.9	3782169	7.85E-07	1.333333Y	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3838 ALL	401728.9	3782169	8.09E-07	1.333333Y	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3839 ALL	401748.9	3782169	8.57E-07	1.333333Y	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3840 ALL	401768.9	3782169	8.98E-07	1.333333Y	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3841 ALL	401788.9	3782169	9.89E-07	1.333333Y	9.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3842 ALL	401808.9	3782169	9.20E-07	1.333333Y	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3843 ALL	401828.9	3782169	8.89E-07	1.333333Y	8.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3844 ALL	401848.9	3782169	8.75E-07	1.333333Y	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3845 ALL	401868.9	3782169	8.74E-07	1.333333Y	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3846 ALL	401888.9	3782169	8.90E-07	1.333333Y	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3847 ALL	401908.9	3782169	9.25E-07	1.333333Y	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3848 ALL	401928.9	3782169	9.90E-07	1.333333Y	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3849 ALL	401948.9	3782169	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3850 ALL	401968.9	3782169	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3851 ALL	401988.9	3782169	9.73E-07	1.333333Y	9.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3852 ALL	402008.9	3782169	9.66E-07	1.333333Y	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3853 ALL	402028.9	3782169	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3854 ALL	402048.9	3782169	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3855 ALL	402068.9	3782169	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3856 ALL	402088.9	3782169	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3857 ALL	402108.9	3782169	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3858 ALL	402128.9	3782169	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3859 ALL	402148.9	3782169	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3860 ALL	402168.9	3782169	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3861 ALL	402188.9	3782169	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3862 ALL	402208.9	3782169	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3863 ALL	402228.9	3782169	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3864 ALL	402248.9	3782169	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3865 ALL	402268.9	3782169	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3866 ALL	402288.9	3782169	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3867 ALL	402308.9	3782169	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3868 ALL	402328.9	3782169	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3869 ALL	402348.9	3782169	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3870 ALL	402368.9	3782169	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3871 ALL	402388.9	3782169	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3872 ALL	402408.9	3782169	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3873 ALL	402428.9	3782169	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3874 ALL	402448.9	3782169	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3875 ALL	402468.9	3782169	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3876 ALL	402488.9	3782169	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3877 ALL	402508.9	3782169	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3878 ALL	401308.9	3782189	5.73E-07	1.333333Y	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3879 ALL	401328.9	3782189	5.41E-07	1.333333Y	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3880 ALL	401348.9	3782189	5.63E-07	1.333333Y	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3881 ALL	401368.9	3782189	5.55E-07	1.333333Y	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3882 ALL	401388.9	3782189	5.74E-07	1.333333Y	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3883 ALL	401408.9	3782189	5.94E-07	1.333333Y	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3884 ALL	401428.9	3782189	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3885 ALL	401448.9	3782189	6.37E-07	1.333333Y	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3886 ALL	401468.9	3782189	6.64E-07	1.333333Y	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3887 ALL	401488.9	3782189	6.53E-07	1.333333Y	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3888 ALL	401508.9	3782189	6.05E-07	1.333333Y	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3889 ALL	401528.9	3782189	5.91E-07	1.333333Y	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3890 ALL	401548.9	3782189	6.02E-07	1.333333Y	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3891 ALL	401568.9	3782189	6.07E-07	1.333333Y	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3892 ALL	401588.9	3782189	6.25E-07	1.333333Y	6.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3893 ALL	401608.9	3782189	6.40E-07	1.333333Y	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3894 ALL	401628.9	3782189	6.52E-07	1.333333Y	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3895 ALL	401648.9	3782189	6.67E-07	1.333333Y	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3896 ALL	401668.9	3782189	6.96E-07	1.333333Y	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3897 ALL	401688.9	3782189	7.00E-07	1.333333Y	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3898 ALL	401708.9	3782189	7.09E-07	1.333333Y	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3899 ALL	401728.9	3782189	7.35E-07	1.333333Y	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3900 ALL	401748.9	3782189	7.67E-07	1.333333Y	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3901 ALL	401768.9	3782189	8.06E-07	1.333333Y	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3902 ALL	401788.9	3782189	8.63E-07	1.333333Y	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3903 ALL	401808.9	3782189	8.30E-07	1.333333Y	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3904 ALL	401828.9	3782189	8.06E-07	1.333333Y	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3905 ALL	401848.9	3782189	7.99E-07	1.333333Y	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3906 ALL	401868.9	3782189	7.99E-07	1.333333Y	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3907 ALL	401888.9	3782189	8.17E-07	1.333333Y	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3908 ALL	401908.9	3782189	8.44E-07	1.333333Y	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3909 ALL	401928.9	3782189	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3910 ALL	401948.9	3782189	9.70E-07	1.333333Y	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3911 ALL	401968.9	3782189	9.20E-07	1.333333Y	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3912 ALL	401988.9	3782189	8.70E-07	1.333333Y	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3913 ALL	402008.9	3782189	8.61E-07	1.333333Y	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3914 ALL	402028.9	3782189	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3915 ALL	402048.9	3782189	9.12E-07	1.333333Y	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3916 ALL	402068.9	3782189	9.92E-07	1.333333Y	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3917 ALL	402088.9	3782189	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3918 ALL	402108.9	3782189	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3919 ALL	402128.9	3782189	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3920 ALL	402148.9	3782189	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3921 ALL	402168.9	3782189	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3922 ALL	402188.9	3782189	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3923 ALL	402208.9	3782189	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3924 ALL	402228.9	3782189	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3925 ALL	402248.9	3782189	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3926 ALL	402268.9	3782189	9.96E-07	1.333333Y	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3927 ALL	402288.9	3782189	9.79E-07	1.333333Y	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3928 ALL	402308.9	3782189	9.60E-07	1.333333Y	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3929 ALL	402328.9	3782189	9.54E-07	1.333333Y	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3930 ALL	402348.9	3782189	9.51E-07	1.333333Y	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3931 ALL	402368.9	3782189	9.62E-07	1.333333Y	9.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3932 ALL	402388.9	3782189	9.83E-07	1.333333Y	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3933 ALL	402408.9	3782189	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3934 ALL	402428.9	3782189	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3935 ALL	402448.9	3782189	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3936 ALL	402468.9	3782189	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3937 ALL	402488.9	3782189	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3938 ALL	402508.9	3782189	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3939 ALL	401308.9	3782209	5.09E-07	1.333333Y	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3940 ALL	401328.9	3782209	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3941 ALL	401348.9	3782209	5.05E-07	1.333333Y	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3942 ALL	401368.9	3782209	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3943 ALL	401388.9	3782209	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3944 ALL	401408.9	3782209	5.25E-07	1.333333Y	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3945 ALL	401428.9	3782209	5.44E-07	1.333333Y	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3946 ALL	401448.9	3782209	5.55E-07	1.333333Y	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3947 ALL	401468.9	3782209	5.77E-07	1.333333Y	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3948 ALL	401488.9	3782209	6.14E-07	1.333333Y	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3949 ALL	401508.9	3782209	5.84E-07	1.333333Y	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3950 ALL	401528.9	3782209	5.58E-07	1.333333Y	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3951 ALL	401548.9	3782209	5.53E-07	1.333333Y	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3952 ALL	401568.9	3782209	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3953 ALL	401588.9	3782209	5.73E-07	1.333333Y	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3954 ALL	401608.9	3782209	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3955 ALL	401628.9	3782209	5.98E-07	1.333333Y	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3956 ALL	401648.9	3782209	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3957 ALL	401668.9	3782209	6.35E-07	1.333333Y	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3958 ALL	401688.9	3782209	6.41E-07	1.333333Y	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3959 ALL	401708.9	3782209	6.50E-07	1.333333Y	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3960 ALL	401728.9	3782209	6.71E-07	1.333333Y	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3961 ALL	401748.9	3782209	7.00E-07	1.333333Y	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3962 ALL	401768.9	3782209	7.40E-07	1.333333Y	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3963 ALL	401788.9	3782209	7.73E-07	1.333333Y	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3964 ALL	401808.9	3782209	7.50E-07	1.333333Y	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3965 ALL	401828.9	3782209	7.35E-07	1.333333Y	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3966 ALL	401848.9	3782209	7.29E-07	1.333333Y	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3967 ALL	401868.9	3782209	7.33E-07	1.333333Y	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3968 ALL	401888.9	3782209	7.46E-07	1.333333Y	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3969 ALL	401908.9	3782209	7.72E-07	1.333333Y	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3970 ALL	401928.9	3782209	8.14E-07	1.333333Y	8.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3971 ALL	401948.9	3782209	8.75E-07	1.333333Y	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3972 ALL	401968.9	3782209	8.22E-07	1.333333Y	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3973 ALL	401988.9	3782209	7.83E-07	1.333333Y	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3974 ALL	402008.9	3782209	7.76E-07	1.333333Y	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3975 ALL	402028.9	3782209	8.01E-07	1.333333Y	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3976 ALL	402048.9	3782209	8.49E-07	1.333333Y	8.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3977 ALL	402068.9	3782209	9.22E-07	1.333333Y	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3978 ALL	402088.9	3782209	9.12E-07	1.333333Y	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3979 ALL	402108.9	3782209	9.14E-07	1.333333Y	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3980 ALL	402128.9	3782209	9.97E-07	1.333333Y	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3981 ALL	402148.9	3782209	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3982 ALL	402168.9	3782209	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3983 ALL	402188.9	3782209	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3984 ALL	402208.9	3782209	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3985 ALL	402228.9	3782209	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3986 ALL	402248.9	3782209	9.76E-07	1.333333Y	9.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3987 ALL	402268.9	3782209	9.21E-07	1.333333Y	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3988 ALL	402288.9	3782209	8.90E-07	1.333333Y	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3989 ALL	402308.9	3782209	8.76E-07	1.333333Y	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3990 ALL	402328.9	3782209	8.68E-07	1.333333Y	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3991 ALL	402348.9	3782209	8.65E-07	1.333333Y	8.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3992 ALL	402368.9	3782209	8.70E-07	1.333333Y	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3993 ALL	402388.9	3782209	8.91E-07	1.333333Y	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3994 ALL	402408.9	3782209	9.17E-07	1.333333Y	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3995 ALL	402428.9	3782209	9.48E-07	1.333333Y	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3996 ALL	402448.9	3782209	1.00E-06	1.333333Y	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3997 ALL	402468.9	3782209	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3998 ALL	402488.9	3782209	9.99E-07	1.333333Y	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3999 ALL	402508.9	3782209	9.77E-07	1.333333Y	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4000 ALL	402116.1	3781609	2.36E-05	1.333333Y	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4001 ALL	402111.6	3781632	3.37E-05	1.333333Y	3.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4002 ALL	402072.8	3781725	6.37E-05	1.333333Y	6.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4003 ALL	402058.7	3781777	6.00E-05	1.333333Y	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4004	ALL	402061.5	3781813	4.58E-05	1.333333Y	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4005	ALL	402065.5	3781835	3.00E-05	1.333333Y	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4006	ALL	401913.1	3781830	7.97E-05	1.333333Y	7.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4007	ALL	401870.3	3781887	4.05E-05	1.333333Y	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4008	ALL	401788.8	3781885	2.20E-05	1.333333Y	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4009	ALL	401791	3781612	3.26E-05	1.333333Y	3.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		399068	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05
2	ALL		399349.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
3	ALL		399631.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
4	ALL		399913.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
5	ALL		400195.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
6	ALL		400477	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
7	ALL		400758.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
8	ALL		401040.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
9	ALL		401322.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
10	ALL		401604.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
11	ALL		401886	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
12	ALL		402167.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
13	ALL		402449.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
14	ALL		402731.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
15	ALL		403013.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
16	ALL		403295	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
17	ALL		403576.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
18	ALL		403858.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
19	ALL		404140.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05
20	ALL		404422.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05
21	ALL		404704	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05
22	ALL		399068	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05
23	ALL		399349.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
24	ALL		399631.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
25	ALL		399913.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
26	ALL		400195.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
27	ALL		400477	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
28	ALL		400758.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
29	ALL		401040.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
30	ALL		401322.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
31	ALL		401604.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
32	ALL		401886	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
33	ALL		402167.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
34	ALL		402449.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
35	ALL		402731.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
36	ALL		403013.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
37	ALL		403295	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
38	ALL		403576.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
39	ALL		403858.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
40	ALL		404140.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
41	ALL		404422.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
42	ALL		404704	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05
43	ALL		399068	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
44	ALL		399349.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
45	ALL		399631.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
46	ALL		399913.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
47	ALL		400195.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
48	ALL		400477	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
49	ALL		400758.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
50	ALL		401040.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
51	ALL		401322.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
52	ALL		401604.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
53	ALL		401886	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
54	ALL		402167.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
55	ALL		402449.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
56	ALL		402731.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
57	ALL		403013.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
58	ALL		403295	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
59	ALL		403576.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
60	ALL		403858.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
61	ALL		404140.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
62	ALL		404422.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
63	ALL		404704	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05
64	ALL		399068	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
65	ALL		399349.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
66	ALL		399631.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
67	ALL		399913.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
68	ALL		400195.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
69	ALL		400477	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
70	ALL		400758.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
71	ALL		401040.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
72	ALL		401322.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
73	ALL		401604.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
74	ALL		401886	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
75	ALL		402167.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
76	ALL		402449.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
77	ALL		402731.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
78	ALL		403013.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
79	ALL		403295	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
80	ALL		403576.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
81	ALL		403858.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
82	ALL		404140.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
83	ALL		404422.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
84	ALL		404704	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
85	ALL		399068	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
86	ALL		399349.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
87	ALL		399631.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
88	ALL		399913.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
89	ALL		400195.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
90	ALL		400477	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
91	ALL		400758.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
92	ALL		401040.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
93	ALL		401322.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
94	ALL		401604.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
95	ALL		401886	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
96	ALL		402167.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
97	ALL		402449.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
98	ALL		402731.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04

					C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	Total
99	ALL	403013.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
100	ALL	403295	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
101	ALL	403576.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
102	ALL	403858.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
103	ALL	404140.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
104	ALL	404422.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
105	ALL	404704	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
106	ALL	399068	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
107	ALL	399349.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
108	ALL	399631.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
109	ALL	399913.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
110	ALL	400195.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
111	ALL	400477	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
112	ALL	400758.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
113	ALL	401040.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
114	ALL	401322.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
115	ALL	401604.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
116	ALL	401886	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
117	ALL	402167.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
118	ALL	402449.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
119	ALL	402731.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
120	ALL	403013.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
121	ALL	403295	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
122	ALL	403576.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
123	ALL	403858.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
124	ALL	404140.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
125	ALL	404422.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
126	ALL	404704	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
127	ALL	399068	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
128	ALL	399349.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
129	ALL	399631.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
130	ALL	399913.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
131	ALL	400195.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
132	ALL	400477	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
133	ALL	400758.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
134	ALL	401040.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
135	ALL	401322.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
136	ALL	401604.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
137	ALL	401886	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
138	ALL	402167.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
139	ALL	402449.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
140	ALL	402731.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
141	ALL	403013.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
142	ALL	403295	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
143	ALL	403576.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
144	ALL	403858.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
145	ALL	404140.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
146	ALL	404422.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
147	ALL	404704	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
148	ALL	399068	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
149	ALL	399349.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
150	ALL	399631.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
151	ALL	399913.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
152	ALL	400195.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
153	ALL	400477	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
154	ALL	400758.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
155	ALL	401040.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
156	ALL	401322.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04
157	ALL	401604.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04
158	ALL	401886	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04
159	ALL	402167.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
160	ALL	402449.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
161	ALL	402731.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
162	ALL	403013.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04
163	ALL	403295	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
164	ALL	403576.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
165	ALL	403858.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
166	ALL	404140.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
167	ALL	404422.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
168	ALL	404704	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
169	ALL	399068	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
170	ALL	399349.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
171	ALL	399631.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
172	ALL	399913.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
173	ALL	400195.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
174	ALL	400477	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
175	ALL	400758.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
176	ALL	401040.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04
177	ALL	401322.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
178	ALL	401604.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
179	ALL	401886	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
180	ALL	402167.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
181	ALL	402449.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
182	ALL	402731.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
183	ALL	403013.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
184	ALL	403295	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
185	ALL	403576.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
186	ALL	403858.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
187	ALL	404140.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
188	ALL	404422.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
189	ALL	404704	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
190	ALL	399068	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
191	ALL	399349.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
192	ALL	399631.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
193	ALL	399913.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
194	ALL	400195.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
195	ALL	400477	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04
196	ALL	400758.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
197	ALL	401040.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04

198	ALL	401322.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
199	ALL	401604.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
200	ALL	401886	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03
201	ALL	402167.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
202	ALL	402449.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
203	ALL	402731.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
204	ALL	403013.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
205	ALL	403295	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
206	ALL	403576.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
207	ALL	403858.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
208	ALL	404140.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
209	ALL	404422.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
210	ALL	404704	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
211	ALL	399068	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
212	ALL	399349.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
213	ALL	399631.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
214	ALL	399913.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
215	ALL	400195.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
216	ALL	400477	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
217	ALL	400758.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
218	ALL	401040.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
219	ALL	401322.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
220	ALL	401604.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03
221	ALL	401886	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-02
222	ALL	402167.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-03
223	ALL	402449.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03
224	ALL	402731.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
225	ALL	403013.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
226	ALL	403295	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
227	ALL	403576.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
228	ALL	403858.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
229	ALL	404140.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
230	ALL	404422.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
231	ALL	404704	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
232	ALL	399068	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
233	ALL	399349.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
234	ALL	399631.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
235	ALL	399913.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
236	ALL	400195.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
237	ALL	400477	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
238	ALL	400758.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
239	ALL	401040.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
240	ALL	401322.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
241	ALL	401604.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03
242	ALL	402167.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02
243	ALL	402449.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
244	ALL	402731.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
245	ALL	403013.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
246	ALL	403295	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04
247	ALL	403576.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
248	ALL	403858.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
249	ALL	404140.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
250	ALL	404422.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
251	ALL	404704	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
252	ALL	399068	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
253	ALL	399349.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
254	ALL	399631.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
255	ALL	399913.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
256	ALL	400195.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
257	ALL	400477	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
258	ALL	400758.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
259	ALL	401040.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
260	ALL	401322.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
261	ALL	401604.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
262	ALL	401886	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
263	ALL	402167.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
264	ALL	402449.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
265	ALL	402731.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
266	ALL	403013.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
267	ALL	403295	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04
268	ALL	403576.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
269	ALL	403858.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
270	ALL	404140.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
271	ALL	404422.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
272	ALL	404704	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
273	ALL	399068	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
274	ALL	399349.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
275	ALL	399631.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
276	ALL	399913.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
277	ALL	400195.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
278	ALL	400477	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
279	ALL	400758.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
280	ALL	401040.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
281	ALL	401322.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
282	ALL	401604.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
283	ALL	401886	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
284	ALL	402167.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
285	ALL	402449.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
286	ALL	402731.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
287	ALL	403013.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
288	ALL	403295	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
289	ALL	403576.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
290	ALL	403858.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
291	ALL	404140.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
292	ALL	404422.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
293	ALL	404704	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
294	ALL	399068	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
295	ALL	399349.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
296	ALL	399631.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04

297	ALL	399913.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
298	ALL	400195.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
299	ALL	400477	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
300	ALL	400758.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
301	ALL	401040.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
302	ALL	401322.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
303	ALL	401604.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
304	ALL	401886	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
305	ALL	402167.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
306	ALL	402449.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
307	ALL	402731.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
308	ALL	403013.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
309	ALL	403295	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
310	ALL	403576.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
311	ALL	403858.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
312	ALL	404140.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
313	ALL	404422.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
314	ALL	404704	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
315	ALL	399068	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
316	ALL	399349.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
317	ALL	399631.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05
318	ALL	399913.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
319	ALL	400195.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05
320	ALL	400477	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05
321	ALL	400758.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05
322	ALL	401040.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
323	ALL	401322.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
324	ALL	401604.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
325	ALL	401886	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
326	ALL	402167.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
327	ALL	402449.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
328	ALL	402731.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
329	ALL	403013.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
330	ALL	403295	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
331	ALL	403576.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
332	ALL	403858.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
333	ALL	404140.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
334	ALL	404422.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
335	ALL	404704	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
336	ALL	399068	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
337	ALL	399349.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05
338	ALL	399631.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-05
339	ALL	399913.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05
340	ALL	400195.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-05
341	ALL	400477	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05
342	ALL	400758.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
343	ALL	401040.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05
344	ALL	401322.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05
345	ALL	401604.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-05
346	ALL	401886	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-05
347	ALL	402167.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05
348	ALL	402449.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05
349	ALL	402731.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-05
350	ALL	403013.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05
351	ALL	403295	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
352	ALL	403576.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
353	ALL	403858.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
354	ALL	404140.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
355	ALL	404422.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
356	ALL	404704	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
357	ALL	399068	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05
358	ALL	399349.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05
359	ALL	399631.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05
360	ALL	399913.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05
361	ALL	400195.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05
362	ALL	400477	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
363	ALL	400758.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-05
364	ALL	401040.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05
365	ALL	401322.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-05
366	ALL	401604.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05
367	ALL	401886	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-05
368	ALL	402167.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-05
369	ALL	402449.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05
370	ALL	402731.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05
371	ALL	403013.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05
372	ALL	403295	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-05
373	ALL	403576.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05
374	ALL	403858.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05
375	ALL	404140.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05
376	ALL	404422.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-05
377	ALL	404704	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05
378	ALL	399068	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05
379	ALL	399349.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05
380	ALL	399631.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05
381	ALL	399913.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05
382	ALL	400195.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05
383	ALL	400477	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
384	ALL	400758.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05
385	ALL	401040.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05
386	ALL	401322.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05
387	ALL	401604.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-05
388	ALL	401886	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05
389	ALL	402167.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
390	ALL	402449.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05
391	ALL	402731.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05
392	ALL	403013.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05
393	ALL	403295	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-05
394	ALL	403576.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05
395	ALL	403858.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05

396	ALL	404140.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
397	ALL	404422.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05
398	ALL	404704	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-05
399	ALL	399068	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
400	ALL	399349.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
401	ALL	399631.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
402	ALL	399913.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05
403	ALL	400195.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05
404	ALL	400477	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05
405	ALL	400758.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05
406	ALL	401040.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05
407	ALL	401322.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
408	ALL	401604.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05
409	ALL	401886	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
410	ALL	402167.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
411	ALL	402449.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
412	ALL	402731.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
413	ALL	403013.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
414	ALL	403295	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05
415	ALL	403576.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05
416	ALL	403858.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05
417	ALL	404140.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05
418	ALL	404422.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05
419	ALL	404704	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05
420	ALL	399068	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
421	ALL	399349.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
422	ALL	399631.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
423	ALL	399913.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05
424	ALL	400195.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
425	ALL	400477	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
426	ALL	400758.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
427	ALL	401040.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05
428	ALL	401322.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05
429	ALL	401604.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05
430	ALL	401886	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
431	ALL	402167.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-06
432	ALL	402449.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
433	ALL	402731.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05
434	ALL	403013.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05
435	ALL	403295	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05
436	ALL	403576.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05
437	ALL	403858.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05
438	ALL	404140.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05
439	ALL	404422.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
440	ALL	404704	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
441	ALL	401308.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
442	ALL	401328.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04
443	ALL	401348.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04
444	ALL	401368.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
445	ALL	401388.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
446	ALL	401408.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
447	ALL	401428.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
448	ALL	401448.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
449	ALL	401468.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
450	ALL	401488.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
451	ALL	401508.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
452	ALL	401528.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
453	ALL	401548.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
454	ALL	401568.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
455	ALL	401588.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
456	ALL	401608.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
457	ALL	401628.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
458	ALL	401648.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
459	ALL	401668.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
460	ALL	401688.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
461	ALL	401708.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
462	ALL	401728.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
463	ALL	401748.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
464	ALL	401768.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
465	ALL	401788.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
466	ALL	401808.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
467	ALL	401828.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
468	ALL	401848.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
469	ALL	401868.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
470	ALL	401888.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
471	ALL	401908.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
472	ALL	401928.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
473	ALL	401948.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
474	ALL	401968.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
475	ALL	401988.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
476	ALL	402008.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
477	ALL	402028.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
478	ALL	402048.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
479	ALL	402068.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
480	ALL	402088.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
481	ALL	402108.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
482	ALL	402128.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
483	ALL	402148.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
484	ALL	402168.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
485	ALL	402188.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
486	ALL	402208.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
487	ALL	402228.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
488	ALL	402248.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
489	ALL	402268.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
490	ALL	402288.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
491	ALL	402308.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
492	ALL	402328.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
493	ALL	402348.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
494	ALL	402368.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03

495	ALL	402388.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
496	ALL	402408.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
497	ALL	402428.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
498	ALL	402448.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
499	ALL	402468.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
500	ALL	402488.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04
501	ALL	402508.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04
502	ALL	401308.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04
503	ALL	401328.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
504	ALL	401348.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
505	ALL	401368.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
506	ALL	401388.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
507	ALL	401408.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
508	ALL	401428.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
509	ALL	401448.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
510	ALL	401468.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
511	ALL	401488.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
512	ALL	401508.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
513	ALL	401528.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
514	ALL	401548.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
515	ALL	401568.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
516	ALL	401588.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
517	ALL	401608.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
518	ALL	401628.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
519	ALL	401648.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
520	ALL	401668.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
521	ALL	401688.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
522	ALL	401708.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
523	ALL	401728.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
524	ALL	401748.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
525	ALL	401768.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
526	ALL	401788.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
527	ALL	401808.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
528	ALL	401828.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
529	ALL	401848.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
530	ALL	401868.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
531	ALL	401888.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
532	ALL	401908.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
533	ALL	401928.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
534	ALL	401948.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
535	ALL	401968.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
536	ALL	401988.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
537	ALL	402008.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
538	ALL	402028.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
539	ALL	402048.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
540	ALL	402068.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
541	ALL	402088.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
542	ALL	402108.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
543	ALL	402128.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
544	ALL	402148.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
545	ALL	402168.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
546	ALL	402188.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
547	ALL	402208.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
548	ALL	402228.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
549	ALL	402248.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
550	ALL	402268.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
551	ALL	402288.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
552	ALL	402308.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
553	ALL	402328.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
554	ALL	402348.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
555	ALL	402368.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
556	ALL	402388.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
557	ALL	402408.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
558	ALL	402428.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
559	ALL	402448.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
560	ALL	402468.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
561	ALL	402488.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
562	ALL	402508.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04
563	ALL	401308.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-04
564	ALL	401328.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
565	ALL	401348.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
566	ALL	401368.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
567	ALL	401388.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
568	ALL	401408.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
569	ALL	401428.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
570	ALL	401448.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
571	ALL	401468.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
572	ALL	401488.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
573	ALL	401508.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
574	ALL	401528.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
575	ALL	401548.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
576	ALL	401568.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
577	ALL	401588.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
578	ALL	401608.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
579	ALL	401628.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
580	ALL	401648.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
581	ALL	401668.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
582	ALL	401688.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
583	ALL	401708.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
584	ALL	401728.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
585	ALL	401748.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
586	ALL	401768.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
587	ALL	401788.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
588	ALL	401808.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
589	ALL	401828.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
590	ALL	401848.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
591	ALL	401868.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
592	ALL	401888.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
593	ALL	401908.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03

594	ALL	401928.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
595	ALL	401948.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
596	ALL	401968.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
597	ALL	401988.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
598	ALL	402008.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
599	ALL	402028.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
600	ALL	402048.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
601	ALL	402068.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
602	ALL	402088.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
603	ALL	402108.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
604	ALL	402128.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
605	ALL	402148.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
606	ALL	402168.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
607	ALL	402188.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
608	ALL	402208.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
609	ALL	402228.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
610	ALL	402248.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
611	ALL	402268.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
612	ALL	402288.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
613	ALL	402308.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
614	ALL	402328.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
615	ALL	402348.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
616	ALL	402368.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
617	ALL	402388.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
618	ALL	402408.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
619	ALL	402428.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
620	ALL	402448.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
621	ALL	402468.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
622	ALL	402488.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
623	ALL	402508.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
624	ALL	401308.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
625	ALL	401328.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
626	ALL	401348.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
627	ALL	401368.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
628	ALL	401388.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
629	ALL	401408.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
630	ALL	401428.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
631	ALL	401448.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
632	ALL	401468.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
633	ALL	401488.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
634	ALL	401508.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
635	ALL	401528.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
636	ALL	401548.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
637	ALL	401568.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
638	ALL	401588.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
639	ALL	401608.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
640	ALL	401628.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
641	ALL	401648.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
642	ALL	401668.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
643	ALL	401688.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
644	ALL	401708.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
645	ALL	401728.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
646	ALL	401748.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
647	ALL	401768.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
648	ALL	401788.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
649	ALL	401808.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
650	ALL	401828.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
651	ALL	401848.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
652	ALL	401868.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
653	ALL	401888.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
654	ALL	401908.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
655	ALL	401928.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
656	ALL	401948.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
657	ALL	401968.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
658	ALL	401988.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
659	ALL	402008.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
660	ALL	402028.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
661	ALL	402048.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
662	ALL	402068.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
663	ALL	402088.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
664	ALL	402108.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
665	ALL	402128.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
666	ALL	402148.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
667	ALL	402168.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
668	ALL	402188.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
669	ALL	402208.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
670	ALL	402228.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
671	ALL	402248.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
672	ALL	402268.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
673	ALL	402288.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
674	ALL	402308.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
675	ALL	402328.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
676	ALL	402348.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
677	ALL	402368.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
678	ALL	402388.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
679	ALL	402408.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
680	ALL	402428.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
681	ALL	402448.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
682	ALL	402468.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
683	ALL	402488.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
684	ALL	402508.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
685	ALL	401308.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
686	ALL	401328.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
687	ALL	401348.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
688	ALL	401368.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
689	ALL	401388.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
690	ALL	401408.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
691	ALL	401428.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
692	ALL	401448.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03

#		X	Y	Type																
693	ALL	401468.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
694	ALL	401488.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
695	ALL	401508.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
696	ALL	401528.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
697	ALL	401548.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
698	ALL	401568.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
699	ALL	401588.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
700	ALL	401608.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
701	ALL	401628.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
702	ALL	401648.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
703	ALL	401668.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
704	ALL	401688.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
705	ALL	401708.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
706	ALL	401728.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
707	ALL	401748.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
708	ALL	401768.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
709	ALL	401788.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
710	ALL	401808.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
711	ALL	401828.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
712	ALL	401848.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
713	ALL	401868.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
714	ALL	401888.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
715	ALL	401908.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
716	ALL	401928.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
717	ALL	401948.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
718	ALL	401968.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
719	ALL	401988.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
720	ALL	402008.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
721	ALL	402028.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
722	ALL	402048.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
723	ALL	402068.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
724	ALL	402088.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
725	ALL	402108.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
726	ALL	402128.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
727	ALL	402148.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
728	ALL	402168.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
729	ALL	402188.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
730	ALL	402208.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
731	ALL	402228.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
732	ALL	402248.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
733	ALL	402268.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
734	ALL	402288.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
735	ALL	402308.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
736	ALL	402328.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
737	ALL	402348.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
738	ALL	402368.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
739	ALL	402388.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
740	ALL	402408.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
741	ALL	402428.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
742	ALL	402448.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
743	ALL	402468.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
744	ALL	402488.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
745	ALL	402508.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
746	ALL	401308.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
747	ALL	401328.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
748	ALL	401348.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
749	ALL	401368.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
750	ALL	401388.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
751	ALL	401408.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
752	ALL	401428.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
753	ALL	401448.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
754	ALL	401468.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
755	ALL	401488.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
756	ALL	401508.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
757	ALL	401528.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
758	ALL	401548.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
759	ALL	401568.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
760	ALL	401588.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
761	ALL	401608.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
762	ALL	401628.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
763	ALL	401648.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
764	ALL	401668.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
765	ALL	401688.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
766	ALL	401708.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
767	ALL	401728.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
768	ALL	401748.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
769	ALL	401768.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
770	ALL	401788.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
771	ALL	401808.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
772	ALL	401828.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
773	ALL	401848.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
774	ALL	401868.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
775	ALL	401888.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
776	ALL	401908.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
777	ALL	401928.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
778	ALL	401948.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
779	ALL	401968.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
780	ALL	401988.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
781	ALL	402008.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
782	ALL	402028.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
783	ALL	402048.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
784	ALL	402068.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
785	ALL	402088.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
786	ALL	402108.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
787	ALL	402128.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
788	ALL	402148.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
789	ALL	402168.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
790	ALL	402188.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
791	ALL	402208.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03

#																				
792	ALL	402228.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
793	ALL	402248.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
794	ALL	402268.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
795	ALL	402288.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
796	ALL	402308.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
797	ALL	402328.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
798	ALL	402348.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
799	ALL	402368.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
800	ALL	402388.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
801	ALL	402408.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
802	ALL	402428.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
803	ALL	402448.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
804	ALL	402468.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
805	ALL	402488.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
806	ALL	402508.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
807	ALL	401308.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
808	ALL	401328.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
809	ALL	401348.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
810	ALL	401368.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
811	ALL	401388.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
812	ALL	401408.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
813	ALL	401428.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
814	ALL	401448.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
815	ALL	401468.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
816	ALL	401488.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
817	ALL	401508.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
818	ALL	401528.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
819	ALL	401548.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
820	ALL	401568.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
821	ALL	401588.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
822	ALL	401608.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
823	ALL	401628.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
824	ALL	401648.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
825	ALL	401668.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
826	ALL	401688.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
827	ALL	401708.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
828	ALL	401728.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
829	ALL	401748.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
830	ALL	401768.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
831	ALL	401788.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
832	ALL	401808.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
833	ALL	401828.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
834	ALL	401848.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
835	ALL	401868.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
836	ALL	401888.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
837	ALL	401908.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
838	ALL	401928.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
839	ALL	401948.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
840	ALL	401968.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
841	ALL	401988.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
842	ALL	402008.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
843	ALL	402028.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
844	ALL	402048.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
845	ALL	402068.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
846	ALL	402088.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
847	ALL	402108.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
848	ALL	402128.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
849	ALL	402148.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
850	ALL	402168.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
851	ALL	402188.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
852	ALL	402208.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
853	ALL	402228.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
854	ALL	402248.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
855	ALL	402268.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
856	ALL	402288.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
857	ALL	402308.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
858	ALL	402328.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
859	ALL	402348.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
860	ALL	402368.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
861	ALL	402388.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
862	ALL	402408.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
863	ALL	402428.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
864	ALL	402448.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
865	ALL	402468.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
866	ALL	402488.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
867	ALL	402508.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
868	ALL	401308.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
869	ALL	401328.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
870	ALL	401348.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
871	ALL	401368.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
872	ALL	401388.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
873	ALL	401408.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
874	ALL	401428.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
875	ALL	401448.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
876	ALL	401468.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
877	ALL	401488.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
878	ALL	401508.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
879	ALL	401528.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
880	ALL	401548.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
881	ALL	401568.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
882	ALL	401588.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
883	ALL	401608.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
884	ALL	401628.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
885	ALL	401648.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
886	ALL	401668.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
887	ALL	401688.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
888	ALL	401708.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
889	ALL	401728.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
890	ALL	401748.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03

#		Col1	Col2	Class	v1	v2	v3	v4	v5	v6	v7	v8	v9	v10	v11	v12	v13	v14	v15
891	ALL	401768.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
892	ALL	401788.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
893	ALL	401808.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
894	ALL	401828.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
895	ALL	401848.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
896	ALL	401868.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
897	ALL	401888.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
898	ALL	401908.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
899	ALL	401928.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
900	ALL	401948.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
901	ALL	401968.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
902	ALL	401988.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
903	ALL	402008.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
904	ALL	402028.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
905	ALL	402048.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
906	ALL	402068.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
907	ALL	402088.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
908	ALL	402108.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
909	ALL	402128.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
910	ALL	402148.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
911	ALL	402168.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
912	ALL	402188.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
913	ALL	402208.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
914	ALL	402228.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
915	ALL	402248.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
916	ALL	402268.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
917	ALL	402288.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
918	ALL	402308.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
919	ALL	402328.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
920	ALL	402348.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
921	ALL	402368.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
922	ALL	402388.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
923	ALL	402408.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
924	ALL	402428.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
925	ALL	402448.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
926	ALL	402468.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
927	ALL	402488.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
928	ALL	402508.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
929	ALL	401308.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
930	ALL	401328.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
931	ALL	401348.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
932	ALL	401368.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
933	ALL	401388.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
934	ALL	401408.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
935	ALL	401428.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
936	ALL	401448.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
937	ALL	401468.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
938	ALL	401488.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
939	ALL	401508.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
940	ALL	401528.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
941	ALL	401548.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
942	ALL	401568.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
943	ALL	401588.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
944	ALL	401608.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
945	ALL	401628.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
946	ALL	401648.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
947	ALL	401668.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
948	ALL	401688.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
949	ALL	401708.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
950	ALL	401728.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
951	ALL	401748.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
952	ALL	401768.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
953	ALL	401788.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
954	ALL	401808.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
955	ALL	401828.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
956	ALL	401848.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
957	ALL	401868.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
958	ALL	401888.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
959	ALL	401908.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
960	ALL	401928.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
961	ALL	401948.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
962	ALL	401968.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
963	ALL	401988.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
964	ALL	402008.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
965	ALL	402028.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
966	ALL	402048.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
967	ALL	402068.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
968	ALL	402088.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
969	ALL	402108.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
970	ALL	402128.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
971	ALL	402148.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
972	ALL	402168.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
973	ALL	402188.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
974	ALL	402208.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
975	ALL	402228.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
976	ALL	402248.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
977	ALL	402268.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
978	ALL	402288.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
979	ALL	402308.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
980	ALL	402328.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
981	ALL	402348.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
982	ALL	402368.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
983	ALL	402388.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
984	ALL	402408.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
985	ALL	402428.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
986	ALL	402448.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
987	ALL	402468.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
988	ALL	402488.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
989	ALL	402508.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03

990	ALL	401308.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
991	ALL	401328.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
992	ALL	401348.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
993	ALL	401368.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
994	ALL	401388.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
995	ALL	401408.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
996	ALL	401428.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
997	ALL	401448.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
998	ALL	401468.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
999	ALL	401488.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
1000	ALL	401508.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
1001	ALL	401528.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
1002	ALL	401548.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
1003	ALL	401568.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
1004	ALL	401588.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1005	ALL	401608.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1006	ALL	401628.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
1007	ALL	401648.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1008	ALL	401668.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
1009	ALL	401688.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
1010	ALL	401708.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
1011	ALL	401728.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1012	ALL	401748.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1013	ALL	401768.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1014	ALL	401788.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
1015	ALL	401808.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
1016	ALL	401828.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
1017	ALL	401848.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1018	ALL	401868.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1019	ALL	401888.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1020	ALL	401908.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
1021	ALL	401928.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1022	ALL	401948.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1023	ALL	401968.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
1024	ALL	401988.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
1025	ALL	402008.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1026	ALL	402028.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
1027	ALL	402048.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1028	ALL	402068.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1029	ALL	402088.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1030	ALL	402108.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
1031	ALL	402128.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
1032	ALL	402148.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
1033	ALL	402168.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
1034	ALL	402188.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
1035	ALL	402208.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1036	ALL	402228.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
1037	ALL	402248.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
1038	ALL	402268.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
1039	ALL	402288.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
1040	ALL	402308.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
1041	ALL	402328.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
1042	ALL	402348.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
1043	ALL	402368.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
1044	ALL	402388.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
1045	ALL	402408.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
1046	ALL	402428.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
1047	ALL	402448.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
1048	ALL	402468.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
1049	ALL	402488.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
1050	ALL	402508.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
1051	ALL	401308.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
1052	ALL	401328.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
1053	ALL	401348.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
1054	ALL	401368.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
1055	ALL	401388.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
1056	ALL	401408.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
1057	ALL	401428.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
1058	ALL	401448.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
1059	ALL	401468.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
1060	ALL	401488.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
1061	ALL	401508.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
1062	ALL	401528.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
1063	ALL	401548.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
1064	ALL	401568.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
1065	ALL	401588.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
1066	ALL	401608.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1067	ALL	401628.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
1068	ALL	401648.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
1069	ALL	401668.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1070	ALL	401688.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1071	ALL	401708.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
1072	ALL	401728.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1073	ALL	401748.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1074	ALL	401768.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
1075	ALL	401788.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1076	ALL	401808.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
1077	ALL	401828.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1078	ALL	401848.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
1079	ALL	401868.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1080	ALL	401888.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1081	ALL	401908.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1082	ALL	401928.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1083	ALL	401948.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1084	ALL	401968.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
1085	ALL	401988.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
1086	ALL	402008.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
1087	ALL	402028.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1088	ALL	402048.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03

1089	ALL	402068.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1090	ALL	402088.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
1091	ALL	402108.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
1092	ALL	402128.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
1093	ALL	402148.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1094	ALL	402168.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
1095	ALL	402188.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1096	ALL	402208.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1097	ALL	402228.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
1098	ALL	402248.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
1099	ALL	402268.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
1100	ALL	402288.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
1101	ALL	402308.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
1102	ALL	402328.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1103	ALL	402348.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
1104	ALL	402368.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
1105	ALL	402388.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
1106	ALL	402408.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
1107	ALL	402428.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
1108	ALL	402448.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
1109	ALL	402468.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
1110	ALL	402488.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
1111	ALL	402508.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
1112	ALL	401308.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
1113	ALL	401328.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
1114	ALL	401348.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
1115	ALL	401368.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
1116	ALL	401388.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
1117	ALL	401408.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
1118	ALL	401428.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
1119	ALL	401448.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
1120	ALL	401468.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1121	ALL	401488.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
1122	ALL	401508.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
1123	ALL	401528.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
1124	ALL	401548.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
1125	ALL	401568.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
1126	ALL	401588.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
1127	ALL	401608.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
1128	ALL	401628.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
1129	ALL	401648.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1130	ALL	401668.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
1131	ALL	401688.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1132	ALL	401708.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1133	ALL	401728.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
1134	ALL	401748.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
1135	ALL	401768.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
1136	ALL	401788.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
1137	ALL	401808.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
1138	ALL	401828.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1139	ALL	401848.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
1140	ALL	401868.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
1141	ALL	401888.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1142	ALL	401908.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1143	ALL	401928.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1144	ALL	401948.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
1145	ALL	401968.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
1146	ALL	401988.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
1147	ALL	402008.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
1148	ALL	402028.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1149	ALL	402048.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
1150	ALL	402068.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1151	ALL	402088.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
1152	ALL	402108.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
1153	ALL	402128.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
1154	ALL	402148.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
1155	ALL	402168.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
1156	ALL	402188.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1157	ALL	402208.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
1158	ALL	402228.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
1159	ALL	402248.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1160	ALL	402268.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
1161	ALL	402288.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1162	ALL	402308.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
1163	ALL	402328.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
1164	ALL	402348.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
1165	ALL	402368.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
1166	ALL	402388.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
1167	ALL	402408.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
1168	ALL	402428.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
1169	ALL	402448.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
1170	ALL	402468.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
1171	ALL	402488.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
1172	ALL	402508.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
1173	ALL	401308.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
1174	ALL	401328.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
1175	ALL	401348.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
1176	ALL	401368.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
1177	ALL	401388.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
1178	ALL	401408.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
1179	ALL	401428.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
1180	ALL	401448.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
1181	ALL	401468.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1182	ALL	401488.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
1183	ALL	401508.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1184	ALL	401528.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
1185	ALL	401548.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
1186	ALL	401568.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1187	ALL	401588.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03

1188	ALL	401608.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1189	ALL	401628.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1190	ALL	401648.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
1191	ALL	401668.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
1192	ALL	401688.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
1193	ALL	401708.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
1194	ALL	401728.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
1195	ALL	401748.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
1196	ALL	401768.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
1197	ALL	401788.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
1198	ALL	401808.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
1199	ALL	401828.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03
1200	ALL	401848.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
1201	ALL	401868.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
1202	ALL	401888.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
1203	ALL	401908.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
1204	ALL	401928.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
1205	ALL	401948.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
1206	ALL	401968.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
1207	ALL	401988.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1208	ALL	402008.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
1209	ALL	402028.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
1210	ALL	402048.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
1211	ALL	402068.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1212	ALL	402088.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
1213	ALL	402108.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1214	ALL	402128.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1215	ALL	402148.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
1216	ALL	402168.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
1217	ALL	402188.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
1218	ALL	402208.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
1219	ALL	402228.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1220	ALL	402248.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
1221	ALL	402268.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1222	ALL	402288.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
1223	ALL	402308.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1224	ALL	402328.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
1225	ALL	402348.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
1226	ALL	402368.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
1227	ALL	402388.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
1228	ALL	402408.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
1229	ALL	402428.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
1230	ALL	402448.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
1231	ALL	402468.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
1232	ALL	402488.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
1233	ALL	402508.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
1234	ALL	401308.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
1235	ALL	401328.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
1236	ALL	401348.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
1237	ALL	401368.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
1238	ALL	401388.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
1239	ALL	401408.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
1240	ALL	401428.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
1241	ALL	401448.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
1242	ALL	401468.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1243	ALL	401488.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
1244	ALL	401508.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
1245	ALL	401528.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
1246	ALL	401548.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
1247	ALL	401568.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1248	ALL	401588.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1249	ALL	401608.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1250	ALL	401628.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
1251	ALL	401648.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1252	ALL	401668.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1253	ALL	401688.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1254	ALL	401708.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
1255	ALL	401728.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
1256	ALL	401748.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
1257	ALL	401768.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
1258	ALL	401788.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
1259	ALL	401808.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1260	ALL	401828.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
1261	ALL	401848.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
1262	ALL	401868.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
1263	ALL	401888.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1264	ALL	401908.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1265	ALL	401928.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1266	ALL	401948.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
1267	ALL	401968.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03
1268	ALL	401988.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
1269	ALL	402008.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1270	ALL	402028.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
1271	ALL	402048.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
1272	ALL	402068.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
1273	ALL	402088.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1274	ALL	402108.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
1275	ALL	402128.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1276	ALL	402148.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
1277	ALL	402168.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
1278	ALL	402188.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1279	ALL	402208.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1280	ALL	402228.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
1281	ALL	402248.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
1282	ALL	402268.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
1283	ALL	402288.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1284	ALL	402308.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
1285	ALL	402328.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
1286	ALL	402348.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03

1287	ALL	402368.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
1288	ALL	402388.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
1289	ALL	402408.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1290	ALL	402428.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
1291	ALL	402448.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
1292	ALL	402468.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
1293	ALL	402488.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
1294	ALL	402508.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
1295	ALL	401308.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
1296	ALL	401328.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
1297	ALL	401348.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
1298	ALL	401368.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
1299	ALL	401388.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
1300	ALL	401408.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
1301	ALL	401428.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
1302	ALL	401448.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
1303	ALL	401468.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1304	ALL	401488.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1305	ALL	401508.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
1306	ALL	401528.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1307	ALL	401548.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1308	ALL	401568.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
1309	ALL	401588.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1310	ALL	401608.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
1311	ALL	401628.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1312	ALL	401648.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
1313	ALL	401668.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
1314	ALL	401688.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1315	ALL	401708.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
1316	ALL	401728.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03
1317	ALL	401748.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
1318	ALL	401768.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03
1319	ALL	401788.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1320	ALL	401808.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
1321	ALL	401828.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
1322	ALL	401848.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03
1323	ALL	401868.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
1324	ALL	401888.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03
1325	ALL	401908.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
1326	ALL	401928.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
1327	ALL	401948.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03
1328	ALL	401968.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
1329	ALL	401988.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1330	ALL	402008.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1331	ALL	402028.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1332	ALL	402048.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
1333	ALL	402068.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
1334	ALL	402088.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
1335	ALL	402108.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
1336	ALL	402128.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
1337	ALL	402148.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
1338	ALL	402168.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
1339	ALL	402188.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
1340	ALL	402208.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03
1341	ALL	402228.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1342	ALL	402248.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
1343	ALL	402268.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1344	ALL	402288.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
1345	ALL	402308.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
1346	ALL	402328.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1347	ALL	402348.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
1348	ALL	402368.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
1349	ALL	402388.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1350	ALL	402408.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1351	ALL	402428.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1352	ALL	402448.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
1353	ALL	402468.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
1354	ALL	402488.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
1355	ALL	402508.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
1356	ALL	401308.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
1357	ALL	401328.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
1358	ALL	401348.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
1359	ALL	401368.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
1360	ALL	401388.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
1361	ALL	401408.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
1362	ALL	401428.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
1363	ALL	401448.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
1364	ALL	401468.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1365	ALL	401488.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1366	ALL	401508.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
1367	ALL	401528.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1368	ALL	401548.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1369	ALL	401568.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
1370	ALL	401588.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
1371	ALL	401608.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
1372	ALL	401628.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
1373	ALL	401648.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1374	ALL	401668.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
1375	ALL	401688.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1376	ALL	401708.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
1377	ALL	401728.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1378	ALL	401748.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1379	ALL	401768.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
1380	ALL	401788.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
1381	ALL	401808.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
1382	ALL	401828.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
1383	ALL	401848.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03
1384	ALL	401868.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03
1385	ALL	401888.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03

1386 ALL	401908.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03
1387 ALL	401928.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
1388 ALL	401948.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
1389 ALL	401968.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03
1390 ALL	401988.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
1391 ALL	402008.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
1392 ALL	402028.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
1393 ALL	402048.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03
1394 ALL	402068.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03
1395 ALL	402088.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1396 ALL	402108.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1397 ALL	402128.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
1398 ALL	402148.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1399 ALL	402168.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
1400 ALL	402188.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1401 ALL	402208.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
1402 ALL	402228.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
1403 ALL	402248.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1404 ALL	402268.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
1405 ALL	402288.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1406 ALL	402308.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
1407 ALL	402328.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
1408 ALL	402348.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
1409 ALL	402368.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1410 ALL	402388.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1411 ALL	402408.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1412 ALL	402428.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1413 ALL	402448.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
1414 ALL	402468.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
1415 ALL	402488.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
1416 ALL	402508.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
1417 ALL	401308.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
1418 ALL	401328.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
1419 ALL	401348.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
1420 ALL	401368.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
1421 ALL	401388.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
1422 ALL	401408.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
1423 ALL	401428.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
1424 ALL	401448.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
1425 ALL	401468.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
1426 ALL	401488.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1427 ALL	401508.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1428 ALL	401528.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
1429 ALL	401548.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1430 ALL	401568.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
1431 ALL	401588.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1432 ALL	401608.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
1433 ALL	401628.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
1434 ALL	401648.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
1435 ALL	401668.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1436 ALL	401688.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1437 ALL	401708.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03
1438 ALL	401728.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
1439 ALL	401748.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03
1440 ALL	401768.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
1441 ALL	401788.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
1442 ALL	401808.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
1443 ALL	401828.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03
1444 ALL	401848.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
1445 ALL	401868.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03
1446 ALL	401888.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
1447 ALL	401908.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
1448 ALL	401928.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
1449 ALL	401948.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
1450 ALL	401968.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
1451 ALL	401988.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
1452 ALL	402008.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03
1453 ALL	402028.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
1454 ALL	402048.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
1455 ALL	402068.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03
1456 ALL	402088.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
1457 ALL	402108.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
1458 ALL	402128.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
1459 ALL	402148.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1460 ALL	402168.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1461 ALL	402188.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1462 ALL	402208.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
1463 ALL	402228.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
1464 ALL	402248.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
1465 ALL	402268.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1466 ALL	402288.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1467 ALL	402308.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
1468 ALL	402328.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
1469 ALL	402348.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1470 ALL	402368.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1471 ALL	402388.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1472 ALL	402408.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1473 ALL	402428.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
1474 ALL	402448.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1475 ALL	402468.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1476 ALL	402488.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
1477 ALL	402508.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
1478 ALL	401308.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
1479 ALL	401328.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
1480 ALL	401348.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
1481 ALL	401368.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
1482 ALL	401388.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
1483 ALL	401408.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
1484 ALL	401428.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03

#					V1	V2	V3	V4	V5	V6	V7	V8	V9	V10	V11	V12	V13	V14	V15
1485	ALL	401448.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
1486	ALL	401468.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1487	ALL	401488.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
1488	ALL	401508.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1489	ALL	401528.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1490	ALL	401548.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
1491	ALL	401568.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
1492	ALL	401588.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
1493	ALL	401608.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
1494	ALL	401628.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
1495	ALL	401648.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
1496	ALL	401668.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03
1497	ALL	401688.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
1498	ALL	401708.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03
1499	ALL	401728.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
1500	ALL	401748.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
1501	ALL	401768.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
1502	ALL	401788.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03
1503	ALL	401808.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
1504	ALL	401828.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
1505	ALL	401848.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03
1506	ALL	401868.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03
1507	ALL	401888.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
1508	ALL	401908.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03
1509	ALL	401928.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03
1510	ALL	401948.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
1511	ALL	401968.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03
1512	ALL	401988.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03
1513	ALL	402008.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
1514	ALL	402028.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03
1515	ALL	402048.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03
1516	ALL	402068.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
1517	ALL	402088.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03
1518	ALL	402108.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03
1519	ALL	402128.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03
1520	ALL	402148.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
1521	ALL	402168.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03
1522	ALL	402188.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1523	ALL	402208.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
1524	ALL	402228.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
1525	ALL	402248.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
1526	ALL	402268.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
1527	ALL	402288.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
1528	ALL	402308.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1529	ALL	402328.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1530	ALL	402348.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1531	ALL	402368.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1532	ALL	402388.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1533	ALL	402408.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1534	ALL	402428.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1535	ALL	402448.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1536	ALL	402468.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
1537	ALL	402488.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
1538	ALL	402508.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
1539	ALL	401308.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
1540	ALL	401328.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1541	ALL	401348.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1542	ALL	401368.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1543	ALL	401388.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1544	ALL	401408.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1545	ALL	401428.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
1546	ALL	401448.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1547	ALL	401468.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1548	ALL	401488.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1549	ALL	401508.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1550	ALL	401528.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
1551	ALL	401548.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
1552	ALL	401568.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
1553	ALL	401588.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1554	ALL	401608.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03
1555	ALL	401628.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1556	ALL	401648.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
1557	ALL	401668.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
1558	ALL	401688.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
1559	ALL	401708.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-03
1560	ALL	401728.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03
1561	ALL	401748.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03
1562	ALL	401768.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03
1563	ALL	401788.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03
1564	ALL	401808.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
1565	ALL	401828.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03
1566	ALL	401848.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-03
1567	ALL	401868.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03
1568	ALL	401888.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
1569	ALL	401908.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03
1570	ALL	401928.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-03
1571	ALL	401948.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
1572	ALL	401968.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-03
1573	ALL	401988.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
1574	ALL	402008.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03
1575	ALL	402028.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
1576	ALL	402048.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03
1577	ALL	402068.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03
1578	ALL	402088.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
1579	ALL	402108.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03
1580	ALL	402128.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
1581	ALL	402148.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
1582	ALL	402168.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
1583	ALL	402188.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03

1584	ALL	402208.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
1585	ALL	402228.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03
1586	ALL	402248.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
1587	ALL	402268.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
1588	ALL	402288.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
1589	ALL	402308.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1590	ALL	402328.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1591	ALL	402348.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
1592	ALL	402368.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
1593	ALL	402388.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1594	ALL	402408.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1595	ALL	402428.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1596	ALL	402448.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
1597	ALL	402468.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
1598	ALL	402488.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
1599	ALL	402508.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1600	ALL	401308.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
1601	ALL	401328.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
1602	ALL	401348.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
1603	ALL	401368.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
1604	ALL	401388.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
1605	ALL	401408.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
1606	ALL	401428.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1607	ALL	401448.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
1608	ALL	401468.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1609	ALL	401488.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1610	ALL	401508.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1611	ALL	401528.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
1612	ALL	401548.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
1613	ALL	401568.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
1614	ALL	401588.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03
1615	ALL	401608.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03
1616	ALL	401628.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
1617	ALL	401648.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
1618	ALL	401668.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03
1619	ALL	401688.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03
1620	ALL	401708.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03
1621	ALL	401728.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03
1622	ALL	401748.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
1623	ALL	401768.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
1624	ALL	401788.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03
1625	ALL	401808.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03
1626	ALL	401828.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03
1627	ALL	401848.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03
1628	ALL	401868.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-03
1629	ALL	401888.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03
1630	ALL	401908.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03
1631	ALL	401928.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03
1632	ALL	401948.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03
1633	ALL	401968.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03
1634	ALL	401988.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03
1635	ALL	402008.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03
1636	ALL	402028.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
1637	ALL	402048.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03
1638	ALL	402068.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03
1639	ALL	402088.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03
1640	ALL	402108.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03
1641	ALL	402128.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03
1642	ALL	402148.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03
1643	ALL	402168.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
1644	ALL	402188.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03
1645	ALL	402208.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
1646	ALL	402228.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03
1647	ALL	402248.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1648	ALL	402268.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
1649	ALL	402288.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
1650	ALL	402308.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
1651	ALL	402328.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
1652	ALL	402348.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
1653	ALL	402368.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1654	ALL	402388.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1655	ALL	402408.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1656	ALL	402428.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1657	ALL	402448.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1658	ALL	402468.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1659	ALL	402488.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
1660	ALL	402508.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1661	ALL	401308.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
1662	ALL	401328.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
1663	ALL	401348.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
1664	ALL	401368.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
1665	ALL	401388.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1666	ALL	401408.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
1667	ALL	401428.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1668	ALL	401448.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
1669	ALL	401468.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1670	ALL	401488.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
1671	ALL	401508.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
1672	ALL	401528.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
1673	ALL	401548.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
1674	ALL	401568.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
1675	ALL	401588.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
1676	ALL	401608.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03
1677	ALL	401628.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
1678	ALL	401648.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03
1679	ALL	401668.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03
1680	ALL	401688.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
1681	ALL	401708.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
1682	ALL	401728.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03

1683	ALL	401748.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-03
1684	ALL	401768.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03
1685	ALL	401788.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-03
1686	ALL	401808.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03
1687	ALL	401828.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03
1688	ALL	401848.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03
1689	ALL	401868.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-03
1690	ALL	401888.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03
1691	ALL	401908.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
1692	ALL	401928.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
1693	ALL	401948.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03
1694	ALL	401968.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-03
1695	ALL	401988.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-03
1696	ALL	402008.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03
1697	ALL	402028.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-03
1698	ALL	402048.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03
1699	ALL	402068.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03
1700	ALL	402088.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03
1701	ALL	402108.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03
1702	ALL	402128.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03
1703	ALL	402148.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03
1704	ALL	402168.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03
1705	ALL	402188.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03
1706	ALL	402208.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03
1707	ALL	402228.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03
1708	ALL	402248.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
1709	ALL	402268.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1710	ALL	402288.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
1711	ALL	402308.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
1712	ALL	402328.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
1713	ALL	402348.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
1714	ALL	402368.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1715	ALL	402388.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1716	ALL	402408.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1717	ALL	402428.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1718	ALL	402448.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
1719	ALL	402468.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
1720	ALL	402488.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
1721	ALL	402508.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
1722	ALL	401308.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1723	ALL	401328.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
1724	ALL	401348.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
1725	ALL	401368.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
1726	ALL	401388.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
1727	ALL	401408.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
1728	ALL	401428.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
1729	ALL	401448.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
1730	ALL	401468.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
1731	ALL	401488.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
1732	ALL	401508.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
1733	ALL	401528.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
1734	ALL	401548.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1735	ALL	401568.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
1736	ALL	401588.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03
1737	ALL	401608.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
1738	ALL	401628.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03
1739	ALL	401648.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
1740	ALL	401668.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03
1741	ALL	401688.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-03
1742	ALL	401708.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03
1743	ALL	401728.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
1744	ALL	401748.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-03
1745	ALL	401768.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03
1746	ALL	401788.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03
1747	ALL	401808.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-03
1748	ALL	401828.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03
1749	ALL	401848.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-03
1750	ALL	401868.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03
1751	ALL	401888.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-03
1752	ALL	401908.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-03
1753	ALL	401928.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03
1754	ALL	401948.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03
1755	ALL	401968.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-03
1756	ALL	401988.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03
1757	ALL	402008.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03
1758	ALL	402028.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03
1759	ALL	402048.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03
1760	ALL	402068.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-03
1761	ALL	402088.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03
1762	ALL	402108.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
1763	ALL	402128.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03
1764	ALL	402148.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-03
1765	ALL	402168.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
1766	ALL	402188.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03
1767	ALL	402208.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03
1768	ALL	402228.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03
1769	ALL	402248.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03
1770	ALL	402268.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
1771	ALL	402288.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
1772	ALL	402308.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1773	ALL	402328.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03
1774	ALL	402348.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
1775	ALL	402368.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1776	ALL	402388.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1777	ALL	402408.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1778	ALL	402428.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1779	ALL	402448.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1780	ALL	402468.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1781	ALL	402488.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03

#		X	Y	Type	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	Total
1782	ALL	402508.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1783	ALL	401308.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
1784	ALL	401328.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
1785	ALL	401348.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1786	ALL	401368.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1787	ALL	401388.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1788	ALL	401408.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
1789	ALL	401428.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
1790	ALL	401448.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1791	ALL	401468.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
1792	ALL	401488.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
1793	ALL	401508.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
1794	ALL	401528.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1795	ALL	401548.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
1796	ALL	401568.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
1797	ALL	401588.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03
1798	ALL	401608.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
1799	ALL	401628.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03
1800	ALL	401648.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
1801	ALL	401668.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-03
1802	ALL	401688.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03
1803	ALL	401708.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
1804	ALL	401728.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03
1805	ALL	401748.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-03
1806	ALL	401768.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-03
1807	ALL	401788.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-03
1808	ALL	401808.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-03
1809	ALL	401828.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-03
1810	ALL	401848.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-03
1811	ALL	401868.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-03
1812	ALL	401888.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-03
1813	ALL	401908.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-03
1814	ALL	401928.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-03
1815	ALL	401948.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-03
1816	ALL	401968.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03
1817	ALL	401988.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-03
1818	ALL	402008.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-03
1819	ALL	402028.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03
1820	ALL	402048.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-03
1821	ALL	402068.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03
1822	ALL	402088.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03
1823	ALL	402108.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-03
1824	ALL	402128.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03
1825	ALL	402148.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
1826	ALL	402168.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03
1827	ALL	402188.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03
1828	ALL	402208.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03
1829	ALL	402228.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
1830	ALL	402248.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
1831	ALL	402268.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
1832	ALL	402288.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
1833	ALL	402308.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
1834	ALL	402328.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1835	ALL	402348.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
1836	ALL	402368.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
1837	ALL	402388.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1838	ALL	402408.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1839	ALL	402428.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
1840	ALL	402448.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1841	ALL	402468.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
1842	ALL	402488.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1843	ALL	402508.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
1844	ALL	401308.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
1845	ALL	401328.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
1846	ALL	401348.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
1847	ALL	401368.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1848	ALL	401388.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1849	ALL	401408.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1850	ALL	401428.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
1851	ALL	401448.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
1852	ALL	401468.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1853	ALL	401488.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03
1854	ALL	401508.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
1855	ALL	401528.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
1856	ALL	401548.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03
1857	ALL	401568.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
1858	ALL	401588.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03
1859	ALL	401608.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03
1860	ALL	401628.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03
1861	ALL	401648.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03
1862	ALL	401668.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-03
1863	ALL	401688.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03
1864	ALL	401708.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-03
1865	ALL	401728.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03
1866	ALL	401748.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-03
1867	ALL	401768.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-03
1868	ALL	401788.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03
1869	ALL	401808.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-03
1870	ALL	401828.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-03
1871	ALL	401848.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-03
1872	ALL	401868.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-03
1873	ALL	401888.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-03
1874	ALL	401908.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-03
1875	ALL	401928.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-03
1876	ALL	401948.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-03
1877	ALL	401968.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-03
1878	ALL	401988.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-03
1879	ALL	402008.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-03
1880	ALL	402028.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03

1881	ALL	402048.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-03
1882	ALL	402068.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-03
1883	ALL	402088.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-03
1884	ALL	402108.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-03
1885	ALL	402128.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03
1886	ALL	402148.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-03
1887	ALL	402168.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03
1888	ALL	402188.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03
1889	ALL	402208.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
1890	ALL	402228.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
1891	ALL	402248.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
1892	ALL	402268.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03
1893	ALL	402288.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
1894	ALL	402308.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
1895	ALL	402328.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1896	ALL	402348.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
1897	ALL	402368.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
1898	ALL	402388.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
1899	ALL	402408.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
1900	ALL	402428.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1901	ALL	402448.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
1902	ALL	402468.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1903	ALL	402488.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
1904	ALL	402508.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
1905	ALL	401308.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
1906	ALL	401328.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1907	ALL	401348.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
1908	ALL	401368.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
1909	ALL	401388.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1910	ALL	401408.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1911	ALL	401428.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
1912	ALL	401448.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
1913	ALL	401468.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
1914	ALL	401488.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
1915	ALL	401508.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
1916	ALL	401528.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
1917	ALL	401548.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
1918	ALL	401568.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03
1919	ALL	401588.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
1920	ALL	401608.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
1921	ALL	401628.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03
1922	ALL	401648.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03
1923	ALL	401668.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03
1924	ALL	401688.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
1925	ALL	401708.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-03
1926	ALL	401728.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03
1927	ALL	401748.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-03
1928	ALL	401768.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
1929	ALL	401788.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-03
1930	ALL	401808.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-03
1931	ALL	401828.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-03
1932	ALL	401848.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03
1933	ALL	401868.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-03
1934	ALL	401888.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-03
1935	ALL	401908.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
1936	ALL	401928.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
1937	ALL	401948.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
1938	ALL	401968.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-03
1939	ALL	401988.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-03
1940	ALL	402008.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-03
1941	ALL	402028.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-03
1942	ALL	402048.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-03
1943	ALL	402068.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-03
1944	ALL	402088.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-03
1945	ALL	402108.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-03
1946	ALL	402128.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-03
1947	ALL	402148.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03
1948	ALL	402168.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03
1949	ALL	402188.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03
1950	ALL	402208.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03
1951	ALL	402228.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03
1952	ALL	402248.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
1953	ALL	402268.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
1954	ALL	402288.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03
1955	ALL	402308.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
1956	ALL	402328.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
1957	ALL	402348.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
1958	ALL	402368.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
1959	ALL	402388.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
1960	ALL	402408.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
1961	ALL	402428.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
1962	ALL	402448.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
1963	ALL	402468.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
1964	ALL	402488.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
1965	ALL	402508.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
1966	ALL	401308.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
1967	ALL	401328.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
1968	ALL	401348.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1969	ALL	401368.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1970	ALL	401388.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1971	ALL	401408.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
1972	ALL	401428.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-03
1973	ALL	401448.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
1974	ALL	401468.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
1975	ALL	401488.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1976	ALL	401508.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
1977	ALL	401528.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03
1978	ALL	401548.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
1979	ALL	401568.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03

Year	Region																			
1980	ALL	401588.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03
1981	ALL	401608.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-03
1982	ALL	401628.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03
1983	ALL	401648.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03
1984	ALL	401668.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03
1985	ALL	401688.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03
1986	ALL	401708.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-03
1987	ALL	401728.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-03
1988	ALL	401748.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-03
1989	ALL	401768.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-03
1990	ALL	401788.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-03
1991	ALL	401808.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-03
1992	ALL	401828.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
1993	ALL	401848.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
1994	ALL	401868.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
1995	ALL	401888.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02
1996	ALL	401908.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02
1997	ALL	401928.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
1998	ALL	401948.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02
1999	ALL	401968.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02
2000	ALL	401988.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
2001	ALL	402008.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
2002	ALL	402028.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
2003	ALL	402048.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02
2004	ALL	402068.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-03
2005	ALL	402088.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-03
2006	ALL	402108.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-03
2007	ALL	402128.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-03
2008	ALL	402148.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-03
2009	ALL	402168.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03
2010	ALL	402188.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-03
2011	ALL	402208.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03
2012	ALL	402228.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
2013	ALL	402248.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03
2014	ALL	402268.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03
2015	ALL	402288.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03
2016	ALL	402308.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
2017	ALL	402328.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03
2018	ALL	402348.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
2019	ALL	402368.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
2020	ALL	402388.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
2021	ALL	402408.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
2022	ALL	402428.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
2023	ALL	402448.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
2024	ALL	402468.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
2025	ALL	402488.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
2026	ALL	402508.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
2027	ALL	401308.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
2028	ALL	401328.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
2029	ALL	401348.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
2030	ALL	401368.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
2031	ALL	401388.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
2032	ALL	401408.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
2033	ALL	401428.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
2034	ALL	401448.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
2035	ALL	401468.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03
2036	ALL	401488.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
2037	ALL	401508.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
2038	ALL	401528.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
2039	ALL	401548.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
2040	ALL	401568.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03
2041	ALL	401588.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03
2042	ALL	401608.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03
2043	ALL	401628.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-03
2044	ALL	401648.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
2045	ALL	401668.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-03
2046	ALL	401688.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-03
2047	ALL	401708.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-03
2048	ALL	401728.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03
2049	ALL	401748.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-03
2050	ALL	401768.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-03
2051	ALL	401788.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02
2052	ALL	401808.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02
2053	ALL	401828.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02
2054	ALL	401848.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02
2055	ALL	401868.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02
2056	ALL	401888.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02
2057	ALL	401908.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02
2058	ALL	401928.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2059	ALL	401948.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2060	ALL	401968.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-02
2061	ALL	401988.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
2062	ALL	402008.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02
2063	ALL	402028.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02
2064	ALL	402048.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02
2065	ALL	402068.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02
2066	ALL	402088.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
2067	ALL	402108.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-03
2068	ALL	402128.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-03
2069	ALL	402148.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03
2070	ALL	402168.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-03
2071	ALL	402188.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-03
2072	ALL	402208.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-03
2073	ALL	402228.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-03
2074	ALL	402248.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-03
2075	ALL	402268.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03
2076	ALL	402288.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-03
2077	ALL	402308.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03
2078	ALL	402328.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03

2079	ALL	402348.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
2080	ALL	402368.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
2081	ALL	402388.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2082	ALL	402408.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
2083	ALL	402428.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
2084	ALL	402448.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
2085	ALL	402468.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
2086	ALL	402488.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
2087	ALL	402508.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
2088	ALL	401308.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
2089	ALL	401328.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2090	ALL	401348.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
2091	ALL	401368.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
2092	ALL	401388.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
2093	ALL	401408.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
2094	ALL	401428.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
2095	ALL	401448.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
2096	ALL	401468.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
2097	ALL	401488.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
2098	ALL	401508.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
2099	ALL	401528.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03
2100	ALL	401548.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03
2101	ALL	401568.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03
2102	ALL	401588.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
2103	ALL	401608.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03
2104	ALL	401628.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-03
2105	ALL	401648.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-03
2106	ALL	401668.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-03
2107	ALL	401688.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03
2108	ALL	401708.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-03
2109	ALL	401728.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-03
2110	ALL	401748.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2111	ALL	401768.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02
2112	ALL	401788.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02
2113	ALL	401808.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
2114	ALL	401828.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-02
2115	ALL	401848.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02
2116	ALL	401868.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02
2117	ALL	401888.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
2118	ALL	401908.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-02
2119	ALL	401928.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-02
2120	ALL	401948.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02
2121	ALL	401968.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
2122	ALL	401988.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02
2123	ALL	402008.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02
2124	ALL	402028.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02
2125	ALL	402048.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
2126	ALL	402068.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
2127	ALL	402088.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02
2128	ALL	402108.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02
2129	ALL	402128.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02
2130	ALL	402148.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-03
2131	ALL	402168.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-03
2132	ALL	402188.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03
2133	ALL	402208.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-03
2134	ALL	402228.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03
2135	ALL	402248.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-03
2136	ALL	402268.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03
2137	ALL	402288.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03
2138	ALL	402308.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03
2139	ALL	402328.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03
2140	ALL	402348.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
2141	ALL	402368.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03
2142	ALL	402388.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
2143	ALL	402408.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
2144	ALL	402428.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
2145	ALL	402448.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
2146	ALL	402468.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
2147	ALL	402488.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
2148	ALL	402508.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
2149	ALL	401308.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
2150	ALL	401328.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
2151	ALL	401348.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
2152	ALL	401368.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
2153	ALL	401388.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03
2154	ALL	401408.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
2155	ALL	401428.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2156	ALL	401448.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
2157	ALL	401468.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03
2158	ALL	401488.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
2159	ALL	401508.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03
2160	ALL	401528.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03
2161	ALL	401548.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03
2162	ALL	401568.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03
2163	ALL	401588.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
2164	ALL	401608.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03
2165	ALL	401628.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-03
2166	ALL	401648.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03
2167	ALL	401668.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03
2168	ALL	401688.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-03
2169	ALL	401708.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-03
2170	ALL	401728.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02
2171	ALL	401748.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2172	ALL	401768.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-02
2173	ALL	401788.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-02
2174	ALL	401808.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
2175	ALL	401828.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-02
2176	ALL	401848.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-02
2177	ALL	401868.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02

2178	ALL	401888.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02
2179	ALL	401908.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02
2180	ALL	401928.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02
2181	ALL	401948.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-02
2182	ALL	401968.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-02
2183	ALL	401988.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
2184	ALL	402008.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-02
2185	ALL	402028.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-02
2186	ALL	402048.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02
2187	ALL	402068.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02
2188	ALL	402088.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02
2189	ALL	402108.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-02
2190	ALL	402128.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2191	ALL	402148.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2192	ALL	402168.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-03
2193	ALL	402188.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-03
2194	ALL	402208.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-03
2195	ALL	402228.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-03
2196	ALL	402248.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03
2197	ALL	402268.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-03
2198	ALL	402288.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03
2199	ALL	402308.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03
2200	ALL	402328.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03
2201	ALL	402348.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03
2202	ALL	402368.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
2203	ALL	402388.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03
2204	ALL	402408.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
2205	ALL	402428.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
2206	ALL	402448.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03
2207	ALL	402468.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
2208	ALL	402488.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
2209	ALL	402508.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2210	ALL	401308.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2211	ALL	401328.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
2212	ALL	401348.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
2213	ALL	401368.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
2214	ALL	401388.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
2215	ALL	401408.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
2216	ALL	401428.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
2217	ALL	401448.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
2218	ALL	401468.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
2219	ALL	401488.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
2220	ALL	401508.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
2221	ALL	401528.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03
2222	ALL	401548.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2223	ALL	401568.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-03
2224	ALL	401588.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03
2225	ALL	401608.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03
2226	ALL	401628.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-03
2227	ALL	401648.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-03
2228	ALL	401668.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-03
2229	ALL	401688.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-03
2230	ALL	401708.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02
2231	ALL	401728.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2232	ALL	401748.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02
2233	ALL	401768.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02
2234	ALL	401788.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-02
2235	ALL	401808.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02
2236	ALL	401828.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-02
2237	ALL	401848.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-02
2238	ALL	401868.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02
2239	ALL	401888.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-02
2240	ALL	401908.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-02
2241	ALL	401928.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-02
2242	ALL	401948.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-02
2243	ALL	401968.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-02
2244	ALL	401988.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02
2245	ALL	402008.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
2246	ALL	402028.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-02
2247	ALL	402048.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-02
2248	ALL	402068.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-02
2249	ALL	402088.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02
2250	ALL	402108.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02
2251	ALL	402128.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02
2252	ALL	402148.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02
2253	ALL	402168.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2254	ALL	402188.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-03
2255	ALL	402208.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-03
2256	ALL	402228.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03
2257	ALL	402248.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-03
2258	ALL	402268.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-03
2259	ALL	402288.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03
2260	ALL	402308.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03
2261	ALL	402328.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-03
2262	ALL	402348.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03
2263	ALL	402368.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03
2264	ALL	402388.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03
2265	ALL	402408.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
2266	ALL	402428.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
2267	ALL	402448.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2268	ALL	402468.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03
2269	ALL	402488.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
2270	ALL	402508.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
2271	ALL	401308.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2272	ALL	401328.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
2273	ALL	401348.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
2274	ALL	401368.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
2275	ALL	401388.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
2276	ALL	401408.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03

2277	ALL	401428.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
2278	ALL	401448.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
2279	ALL	401468.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
2280	ALL	401488.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
2281	ALL	401508.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03
2282	ALL	401528.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
2283	ALL	401548.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03
2284	ALL	401568.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03
2285	ALL	401588.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-03
2286	ALL	401608.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03
2287	ALL	401628.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-03
2288	ALL	401648.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-03
2289	ALL	401668.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-03
2290	ALL	401688.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-03
2291	ALL	401708.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
2292	ALL	401728.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02
2293	ALL	401748.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02
2294	ALL	401768.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-02
2295	ALL	401788.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02
2296	ALL	401808.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-02
2297	ALL	401828.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-02
2298	ALL	401848.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-02
2299	ALL	401868.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02
2300	ALL	401888.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-02
2301	ALL	401908.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-02
2302	ALL	401928.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02
2303	ALL	401948.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-02
2304	ALL	401968.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02
2305	ALL	401988.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-02
2306	ALL	402008.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
2307	ALL	402028.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02
2308	ALL	402048.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-02
2309	ALL	402068.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02
2310	ALL	402088.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
2311	ALL	402108.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02
2312	ALL	402128.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02
2313	ALL	402148.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02
2314	ALL	402168.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2315	ALL	402188.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02
2316	ALL	402208.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-03
2317	ALL	402228.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-03
2318	ALL	402248.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03
2319	ALL	402268.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03
2320	ALL	402288.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-03
2321	ALL	402308.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-03
2322	ALL	402328.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03
2323	ALL	402348.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03
2324	ALL	402368.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03
2325	ALL	402388.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03
2326	ALL	402408.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
2327	ALL	402428.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
2328	ALL	402448.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03
2329	ALL	402468.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
2330	ALL	402488.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
2331	ALL	402508.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2332	ALL	401308.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2333	ALL	401328.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
2334	ALL	401348.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
2335	ALL	401368.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
2336	ALL	401388.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
2337	ALL	401408.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
2338	ALL	401428.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03
2339	ALL	401448.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
2340	ALL	401468.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
2341	ALL	401488.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
2342	ALL	401508.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03
2343	ALL	401528.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03
2344	ALL	401548.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03
2345	ALL	401568.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
2346	ALL	401588.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-03
2347	ALL	401608.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-03
2348	ALL	401628.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-03
2349	ALL	401648.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03
2350	ALL	401668.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-03
2351	ALL	401688.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
2352	ALL	401708.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02
2353	ALL	401728.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02
2354	ALL	401748.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
2355	ALL	401768.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-02
2356	ALL	401788.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-02
2357	ALL	402128.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02
2358	ALL	402148.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02
2359	ALL	402168.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
2360	ALL	402188.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
2361	ALL	402208.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-03
2362	ALL	402228.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-03
2363	ALL	402248.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-03
2364	ALL	402268.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03
2365	ALL	402288.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03
2366	ALL	402308.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-03
2367	ALL	402328.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
2368	ALL	402348.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-03
2369	ALL	402368.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
2370	ALL	402388.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
2371	ALL	402408.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
2372	ALL	402428.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
2373	ALL	402448.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2374	ALL	402468.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
2375	ALL	402488.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03

2376	ALL	402508.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
2377	ALL	401308.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
2378	ALL	401328.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
2379	ALL	401348.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
2380	ALL	401368.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
2381	ALL	401388.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
2382	ALL	401408.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
2383	ALL	401428.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
2384	ALL	401448.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
2385	ALL	401468.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
2386	ALL	401488.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
2387	ALL	401508.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03
2388	ALL	401528.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03
2389	ALL	401548.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
2390	ALL	401568.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03
2391	ALL	401588.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03
2392	ALL	401608.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03
2393	ALL	401628.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-03
2394	ALL	401648.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-03
2395	ALL	401668.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-03
2396	ALL	401688.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
2397	ALL	401708.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02
2398	ALL	401728.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02
2399	ALL	401748.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02
2400	ALL	401768.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-02
2401	ALL	401788.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02
2402	ALL	402108.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-02
2403	ALL	402128.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02
2404	ALL	402148.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02
2405	ALL	402168.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02
2406	ALL	402188.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
2407	ALL	402208.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-03
2408	ALL	402228.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-03
2409	ALL	402248.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-03
2410	ALL	402268.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-03
2411	ALL	402288.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03
2412	ALL	402308.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-03
2413	ALL	402328.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03
2414	ALL	402348.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03
2415	ALL	402368.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
2416	ALL	402388.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
2417	ALL	402408.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2418	ALL	402428.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
2419	ALL	402448.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
2420	ALL	402468.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
2421	ALL	402488.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
2422	ALL	402508.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
2423	ALL	401308.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
2424	ALL	401328.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
2425	ALL	401348.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
2426	ALL	401368.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
2427	ALL	401388.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
2428	ALL	401408.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
2429	ALL	401428.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03
2430	ALL	401448.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
2431	ALL	401468.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
2432	ALL	401488.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
2433	ALL	401508.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
2434	ALL	401528.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03
2435	ALL	401548.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03
2436	ALL	401568.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03
2437	ALL	401588.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03
2438	ALL	401608.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03
2439	ALL	401628.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03
2440	ALL	401648.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-03
2441	ALL	401668.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
2442	ALL	401688.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02
2443	ALL	401708.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
2444	ALL	401728.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02
2445	ALL	401748.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-02
2446	ALL	401768.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02
2447	ALL	401788.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02
2448	ALL	402108.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
2449	ALL	402128.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
2450	ALL	402148.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02
2451	ALL	402168.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02
2452	ALL	402188.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02
2453	ALL	402208.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-03
2454	ALL	402228.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-03
2455	ALL	402248.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-03
2456	ALL	402268.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-03
2457	ALL	402288.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-03
2458	ALL	402308.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-03
2459	ALL	402328.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03
2460	ALL	402348.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
2461	ALL	402368.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03
2462	ALL	402388.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03
2463	ALL	402408.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
2464	ALL	402428.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
2465	ALL	402448.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2466	ALL	402468.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03
2467	ALL	402488.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2468	ALL	402508.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
2469	ALL	401308.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
2470	ALL	401328.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2471	ALL	401348.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
2472	ALL	401368.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
2473	ALL	401388.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
2474	ALL	401408.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03

2475	ALL	401428.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
2476	ALL	401448.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
2477	ALL	401468.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03
2478	ALL	401488.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03
2479	ALL	401508.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
2480	ALL	401528.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03
2481	ALL	401548.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03
2482	ALL	401568.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03
2483	ALL	401588.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03
2484	ALL	401608.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-03
2485	ALL	401628.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-03
2486	ALL	401648.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-03
2487	ALL	401668.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2488	ALL	401688.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02
2489	ALL	401708.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2490	ALL	401728.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02
2491	ALL	401748.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02
2492	ALL	401768.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-02
2493	ALL	401788.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02
2494	ALL	402088.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02
2495	ALL	402108.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-02
2496	ALL	402128.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02
2497	ALL	402148.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02
2498	ALL	402168.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
2499	ALL	402188.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2500	ALL	402208.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
2501	ALL	402228.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-03
2502	ALL	402248.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03
2503	ALL	402268.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03
2504	ALL	402288.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-03
2505	ALL	402308.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-03
2506	ALL	402328.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03
2507	ALL	402348.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
2508	ALL	402368.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
2509	ALL	402388.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
2510	ALL	402408.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
2511	ALL	402428.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03
2512	ALL	402448.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
2513	ALL	402468.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
2514	ALL	402488.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
2515	ALL	402508.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
2516	ALL	401308.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
2517	ALL	401328.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
2518	ALL	401348.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
2519	ALL	401368.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
2520	ALL	401388.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
2521	ALL	401408.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
2522	ALL	401428.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
2523	ALL	401448.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03
2524	ALL	401468.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
2525	ALL	401488.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
2526	ALL	401508.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03
2527	ALL	401528.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2528	ALL	401548.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03
2529	ALL	401568.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03
2530	ALL	401588.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-03
2531	ALL	401608.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-03
2532	ALL	401628.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-03
2533	ALL	401648.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03
2534	ALL	401668.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
2535	ALL	401688.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02
2536	ALL	401708.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
2537	ALL	401728.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-02
2538	ALL	401748.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-02
2539	ALL	401768.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
2540	ALL	401788.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02
2541	ALL	402088.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-02
2542	ALL	402108.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-02
2543	ALL	402128.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02
2544	ALL	402148.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
2545	ALL	402168.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02
2546	ALL	402188.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02
2547	ALL	402208.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02
2548	ALL	402228.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03
2549	ALL	402248.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03
2550	ALL	402268.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-03
2551	ALL	402288.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03
2552	ALL	402308.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03
2553	ALL	402328.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03
2554	ALL	402348.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-03
2555	ALL	402368.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03
2556	ALL	402388.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03
2557	ALL	402408.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03
2558	ALL	402428.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03
2559	ALL	402448.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
2560	ALL	402468.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03
2561	ALL	402488.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
2562	ALL	402508.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03
2563	ALL	401308.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
2564	ALL	401328.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
2565	ALL	401348.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
2566	ALL	401368.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
2567	ALL	401388.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
2568	ALL	401408.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
2569	ALL	401428.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2570	ALL	401448.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
2571	ALL	401468.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
2572	ALL	401488.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2573	ALL	401508.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03

					0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	value	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	total
2574	ALL	401528.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2575	ALL	401548.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03
2576	ALL	401568.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03
2577	ALL	401588.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-03
2578	ALL	401608.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03
2579	ALL	401628.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-03
2580	ALL	401648.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03
2581	ALL	401668.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
2582	ALL	401688.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02
2583	ALL	401708.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02
2584	ALL	401728.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02
2585	ALL	401748.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02
2586	ALL	401768.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-02
2587	ALL	401788.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02
2588	ALL	402088.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
2589	ALL	402108.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-02
2590	ALL	402128.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-02
2591	ALL	402148.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02
2592	ALL	402168.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2593	ALL	402188.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02
2594	ALL	402208.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
2595	ALL	402228.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-03
2596	ALL	402248.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03
2597	ALL	402268.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-03
2598	ALL	402288.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-03
2599	ALL	402308.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03
2600	ALL	402328.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03
2601	ALL	402348.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03
2602	ALL	402368.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
2603	ALL	402388.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03
2604	ALL	402408.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
2605	ALL	402428.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03
2606	ALL	402448.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
2607	ALL	402468.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
2608	ALL	402488.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
2609	ALL	402508.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2610	ALL	401308.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
2611	ALL	401328.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
2612	ALL	401348.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2613	ALL	401368.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
2614	ALL	401388.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
2615	ALL	401408.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
2616	ALL	401428.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
2617	ALL	401448.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
2618	ALL	401468.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
2619	ALL	401488.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
2620	ALL	401508.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-03
2621	ALL	401528.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
2622	ALL	401548.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03
2623	ALL	401568.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-03
2624	ALL	401588.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03
2625	ALL	401608.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-03
2626	ALL	401628.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-03
2627	ALL	401648.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-03
2628	ALL	401668.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2629	ALL	401688.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02
2630	ALL	401708.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02
2631	ALL	401728.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-02
2632	ALL	401748.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02
2633	ALL	401768.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
2634	ALL	401788.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
2635	ALL	402068.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02
2636	ALL	402088.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-02
2637	ALL	402108.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-02
2638	ALL	402128.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-02
2639	ALL	402148.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-02
2640	ALL	402168.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-02
2641	ALL	402188.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02
2642	ALL	402208.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02
2643	ALL	402228.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-03
2644	ALL	402248.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03
2645	ALL	402268.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03
2646	ALL	402288.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-03
2647	ALL	402308.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03
2648	ALL	402328.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03
2649	ALL	402348.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-03
2650	ALL	402368.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
2651	ALL	402388.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03
2652	ALL	402408.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
2653	ALL	402428.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03
2654	ALL	402448.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
2655	ALL	402468.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
2656	ALL	402488.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03
2657	ALL	402508.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03
2658	ALL	401308.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
2659	ALL	401328.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
2660	ALL	401348.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
2661	ALL	401368.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
2662	ALL	401388.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
2663	ALL	401408.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
2664	ALL	401428.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
2665	ALL	401448.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
2666	ALL	401468.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
2667	ALL	401488.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03
2668	ALL	401508.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
2669	ALL	401528.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03
2670	ALL	401548.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
2671	ALL	401568.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-03
2672	ALL	401588.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03

2673	ALL	401608.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-03
2674	ALL	401628.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03
2675	ALL	401648.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03
2676	ALL	401668.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02
2677	ALL	401688.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02
2678	ALL	401708.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-02
2679	ALL	401728.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
2680	ALL	401748.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02
2681	ALL	401768.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-02
2682	ALL	401788.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02
2683	ALL	402068.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
2684	ALL	402088.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02
2685	ALL	402108.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-02
2686	ALL	402128.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-02
2687	ALL	402148.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-02
2688	ALL	402168.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-02
2689	ALL	402188.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
2690	ALL	402208.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
2691	ALL	402228.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-03
2692	ALL	402248.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-03
2693	ALL	402268.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-03
2694	ALL	402288.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-03
2695	ALL	402308.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-03
2696	ALL	402328.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-03
2697	ALL	402348.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03
2698	ALL	402368.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
2699	ALL	402388.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03
2700	ALL	402408.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03
2701	ALL	402428.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03
2702	ALL	402448.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
2703	ALL	402468.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
2704	ALL	402488.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
2705	ALL	402508.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
2706	ALL	401308.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
2707	ALL	401328.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
2708	ALL	401348.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
2709	ALL	401368.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
2710	ALL	401388.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
2711	ALL	401408.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
2712	ALL	401428.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
2713	ALL	401448.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
2714	ALL	401468.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03
2715	ALL	401488.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
2716	ALL	401508.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
2717	ALL	401528.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
2718	ALL	401548.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03
2719	ALL	401568.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03
2720	ALL	401588.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
2721	ALL	401608.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-03
2722	ALL	401628.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03
2723	ALL	401648.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-03
2724	ALL	401668.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-03
2725	ALL	401688.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
2726	ALL	401708.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02
2727	ALL	401728.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02
2728	ALL	401748.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02
2729	ALL	401768.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02
2730	ALL	401788.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-02
2731	ALL	402068.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02
2732	ALL	402088.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-02
2733	ALL	402108.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02
2734	ALL	402128.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02
2735	ALL	402148.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2736	ALL	402168.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02
2737	ALL	402188.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02
2738	ALL	402208.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-03
2739	ALL	402228.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-03
2740	ALL	402248.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03
2741	ALL	402268.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-03
2742	ALL	402288.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03
2743	ALL	402308.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-03
2744	ALL	402328.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-03
2745	ALL	402348.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-03
2746	ALL	402368.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-03
2747	ALL	402388.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-03
2748	ALL	402408.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03
2749	ALL	402428.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03
2750	ALL	402448.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2751	ALL	402468.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
2752	ALL	402488.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
2753	ALL	402508.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03
2754	ALL	401308.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
2755	ALL	401328.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
2756	ALL	401348.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
2757	ALL	401368.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
2758	ALL	401388.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
2759	ALL	401408.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
2760	ALL	401428.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
2761	ALL	401448.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
2762	ALL	401468.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03
2763	ALL	401488.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
2764	ALL	401508.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
2765	ALL	401528.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03
2766	ALL	401548.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03
2767	ALL	401568.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
2768	ALL	401588.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-03
2769	ALL	401608.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03
2770	ALL	401628.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-03
2771	ALL	401648.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-03

2772	ALL	401668.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03
2773	ALL	401688.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-03
2774	ALL	401708.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02
2775	ALL	401728.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2776	ALL	401748.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02
2777	ALL	401768.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-02
2778	ALL	401788.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-02
2779	ALL	402068.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02
2780	ALL	402088.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-02
2781	ALL	402108.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-02
2782	ALL	402128.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02
2783	ALL	402148.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
2784	ALL	402168.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2785	ALL	402188.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2786	ALL	402208.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-03
2787	ALL	402228.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-03
2788	ALL	402248.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03
2789	ALL	402268.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-03
2790	ALL	402288.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-03
2791	ALL	402308.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03
2792	ALL	402328.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03
2793	ALL	402348.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-03
2794	ALL	402368.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03
2795	ALL	402388.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2796	ALL	402408.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
2797	ALL	402428.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-03
2798	ALL	402448.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
2799	ALL	402468.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
2800	ALL	402488.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
2801	ALL	402508.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2802	ALL	401308.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
2803	ALL	401328.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
2804	ALL	401348.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
2805	ALL	401368.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
2806	ALL	401388.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
2807	ALL	401408.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
2808	ALL	401428.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
2809	ALL	401448.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
2810	ALL	401468.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
2811	ALL	401488.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
2812	ALL	401508.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
2813	ALL	401528.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
2814	ALL	401548.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03
2815	ALL	401568.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03
2816	ALL	401588.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03
2817	ALL	401608.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-03
2818	ALL	401628.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03
2819	ALL	401648.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03
2820	ALL	401668.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-03
2821	ALL	401688.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-03
2822	ALL	401708.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
2823	ALL	401728.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02
2824	ALL	401748.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
2825	ALL	401768.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02
2826	ALL	401788.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
2827	ALL	402068.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-02
2828	ALL	402088.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02
2829	ALL	402108.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
2830	ALL	402128.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-02
2831	ALL	402148.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02
2832	ALL	402168.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
2833	ALL	402188.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-03
2834	ALL	402208.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-03
2835	ALL	402228.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03
2836	ALL	402248.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
2837	ALL	402268.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-03
2838	ALL	402288.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03
2839	ALL	402308.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03
2840	ALL	402328.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03
2841	ALL	402348.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03
2842	ALL	402368.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03
2843	ALL	402388.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03
2844	ALL	402408.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
2845	ALL	402428.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
2846	ALL	402448.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
2847	ALL	402468.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
2848	ALL	402488.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
2849	ALL	402508.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
2850	ALL	401308.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
2851	ALL	401328.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
2852	ALL	401348.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
2853	ALL	401368.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
2854	ALL	401388.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
2855	ALL	401408.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2856	ALL	401428.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
2857	ALL	401448.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
2858	ALL	401468.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
2859	ALL	401488.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
2860	ALL	401508.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
2861	ALL	401528.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
2862	ALL	401548.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03
2863	ALL	401568.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-03
2864	ALL	401588.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-03
2865	ALL	401608.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-03
2866	ALL	401628.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03
2867	ALL	401648.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03
2868	ALL	401668.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03
2869	ALL	401688.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-03
2870	ALL	401708.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02

2871	ALL	401728.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02
2872	ALL	401748.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02
2873	ALL	401768.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02
2874	ALL	401788.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-02
2875	ALL	401908.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02
2876	ALL	401928.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
2877	ALL	401948.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-02
2878	ALL	401968.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-02
2879	ALL	401988.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-02
2880	ALL	402008.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-02
2881	ALL	402028.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-02
2882	ALL	402048.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-02
2883	ALL	402068.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02
2884	ALL	402088.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02
2885	ALL	402108.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02
2886	ALL	402128.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02
2887	ALL	402148.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2888	ALL	402168.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
2889	ALL	402188.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-03
2890	ALL	402208.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-03
2891	ALL	402228.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-03
2892	ALL	402248.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-03
2893	ALL	402268.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03
2894	ALL	402288.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-03
2895	ALL	402308.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03
2896	ALL	402328.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03
2897	ALL	402348.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-03
2898	ALL	402368.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03
2899	ALL	402388.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03
2900	ALL	402408.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
2901	ALL	402428.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03
2902	ALL	402448.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03
2903	ALL	402468.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
2904	ALL	402488.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03
2905	ALL	402508.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
2906	ALL	401308.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
2907	ALL	401328.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
2908	ALL	401348.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
2909	ALL	401368.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
2910	ALL	401388.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
2911	ALL	401408.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
2912	ALL	401428.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2913	ALL	401448.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
2914	ALL	401468.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
2915	ALL	401488.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
2916	ALL	401508.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
2917	ALL	401528.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03
2918	ALL	401548.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
2919	ALL	401568.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03
2920	ALL	401588.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03
2921	ALL	401608.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03
2922	ALL	401628.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-03
2923	ALL	401648.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03
2924	ALL	401668.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03
2925	ALL	401688.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-03
2926	ALL	401708.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-03
2927	ALL	401728.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02
2928	ALL	401748.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02
2929	ALL	401768.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
2930	ALL	401788.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
2931	ALL	401888.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02
2932	ALL	401908.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-02
2933	ALL	401928.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02
2934	ALL	401948.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02
2935	ALL	401968.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02
2936	ALL	401988.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-02
2937	ALL	402008.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02
2938	ALL	402028.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02
2939	ALL	402048.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02
2940	ALL	402068.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02
2941	ALL	402088.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
2942	ALL	402108.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
2943	ALL	402128.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2944	ALL	402148.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
2945	ALL	402168.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-03
2946	ALL	402188.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03
2947	ALL	402208.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-03
2948	ALL	402228.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-03
2949	ALL	402248.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-03
2950	ALL	402268.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-03
2951	ALL	402288.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-03
2952	ALL	402308.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-03
2953	ALL	402328.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03
2954	ALL	402348.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
2955	ALL	402368.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03
2956	ALL	402388.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
2957	ALL	402408.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03
2958	ALL	402428.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03
2959	ALL	402448.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
2960	ALL	402468.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2961	ALL	402488.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03
2962	ALL	402508.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
2963	ALL	401308.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2964	ALL	401328.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
2965	ALL	401348.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
2966	ALL	401368.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
2967	ALL	401388.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
2968	ALL	401408.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
2969	ALL	401428.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03

#		X	Y	Type	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	Total
2970	ALL	401448.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2971	ALL	401468.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
2972	ALL	401488.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
2973	ALL	401508.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
2974	ALL	401528.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
2975	ALL	401548.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2976	ALL	401568.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03
2977	ALL	401588.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03
2978	ALL	401608.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-03
2979	ALL	401628.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-03
2980	ALL	401648.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-03
2981	ALL	401668.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-03
2982	ALL	401688.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-03
2983	ALL	401708.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-03
2984	ALL	401728.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-03
2985	ALL	401748.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
2986	ALL	401768.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-02
2987	ALL	401788.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02
2988	ALL	401808.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02
2989	ALL	401828.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
2990	ALL	401848.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02
2991	ALL	401868.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-02
2992	ALL	401888.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-02
2993	ALL	401908.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-02
2994	ALL	401928.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02
2995	ALL	401948.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-02
2996	ALL	401968.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02
2997	ALL	401988.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02
2998	ALL	402008.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-02
2999	ALL	402028.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
3000	ALL	402048.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02
3001	ALL	402068.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02
3002	ALL	402088.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
3003	ALL	402108.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
3004	ALL	402128.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-03
3005	ALL	402148.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03
3006	ALL	402168.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-03
3007	ALL	402188.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03
3008	ALL	402208.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-03
3009	ALL	402228.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-03
3010	ALL	402248.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03
3011	ALL	402268.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-03
3012	ALL	402288.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03
3013	ALL	402308.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03
3014	ALL	402328.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
3015	ALL	402348.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
3016	ALL	402368.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03
3017	ALL	402388.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03
3018	ALL	402408.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03
3019	ALL	402428.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03
3020	ALL	402448.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
3021	ALL	402468.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
3022	ALL	402488.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
3023	ALL	402508.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03
3024	ALL	401308.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3025	ALL	401328.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
3026	ALL	401348.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
3027	ALL	401368.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
3028	ALL	401388.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
3029	ALL	401408.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
3030	ALL	401428.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
3031	ALL	401448.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
3032	ALL	401468.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
3033	ALL	401488.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
3034	ALL	401508.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
3035	ALL	401528.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
3036	ALL	401548.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03
3037	ALL	401568.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03
3038	ALL	401588.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
3039	ALL	401608.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03
3040	ALL	401628.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
3041	ALL	401648.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
3042	ALL	401668.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-03
3043	ALL	401688.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03
3044	ALL	401708.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-03
3045	ALL	401728.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03
3046	ALL	401748.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03
3047	ALL	401768.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-03
3048	ALL	401788.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
3049	ALL	401808.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-02
3050	ALL	401828.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02
3051	ALL	401848.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02
3052	ALL	401868.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02
3053	ALL	401888.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02
3054	ALL	401908.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-02
3055	ALL	401928.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02
3056	ALL	401948.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02
3057	ALL	401968.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
3058	ALL	401988.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02
3059	ALL	402008.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02
3060	ALL	402028.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
3061	ALL	402048.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-03
3062	ALL	402068.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-03
3063	ALL	402088.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-03
3064	ALL	402108.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-03
3065	ALL	402128.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-03
3066	ALL	402148.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-03
3067	ALL	402168.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-03
3068	ALL	402188.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-03

3069	ALL	402208.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-03
3070	ALL	402228.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-03
3071	ALL	402248.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-03
3072	ALL	402268.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-03
3073	ALL	402288.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03
3074	ALL	402308.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-03
3075	ALL	402328.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
3076	ALL	402348.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
3077	ALL	402368.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
3078	ALL	402388.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03
3079	ALL	402408.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03
3080	ALL	402428.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03
3081	ALL	402448.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03
3082	ALL	402468.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03
3083	ALL	402488.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
3084	ALL	402508.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03
3085	ALL	401308.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
3086	ALL	401328.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
3087	ALL	401348.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3088	ALL	401368.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
3089	ALL	401388.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
3090	ALL	401408.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3091	ALL	401428.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
3092	ALL	401448.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
3093	ALL	401468.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
3094	ALL	401488.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
3095	ALL	401508.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
3096	ALL	401528.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
3097	ALL	401548.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03
3098	ALL	401568.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
3099	ALL	401588.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
3100	ALL	401608.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
3101	ALL	401628.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
3102	ALL	401648.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03
3103	ALL	401668.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03
3104	ALL	401688.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-03
3105	ALL	401708.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03
3106	ALL	401728.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03
3107	ALL	401748.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-03
3108	ALL	401768.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-03
3109	ALL	401788.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-03
3110	ALL	401808.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-03
3111	ALL	401828.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02
3112	ALL	401848.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02
3113	ALL	401868.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
3114	ALL	401888.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
3115	ALL	401908.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
3116	ALL	401928.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-03
3117	ALL	401948.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-03
3118	ALL	401968.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03
3119	ALL	401988.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03
3120	ALL	402008.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-03
3121	ALL	402028.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-03
3122	ALL	402048.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-03
3123	ALL	402068.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-03
3124	ALL	402088.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03
3125	ALL	402108.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03
3126	ALL	402128.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-03
3127	ALL	402148.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-03
3128	ALL	402168.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03
3129	ALL	402188.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-03
3130	ALL	402208.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-03
3131	ALL	402228.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03
3132	ALL	402248.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-03
3133	ALL	402268.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
3134	ALL	402288.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-03
3135	ALL	402308.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03
3136	ALL	402328.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
3137	ALL	402348.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
3138	ALL	402368.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
3139	ALL	402388.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03
3140	ALL	402408.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03
3141	ALL	402428.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
3142	ALL	402448.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03
3143	ALL	402468.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
3144	ALL	402488.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
3145	ALL	402508.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
3146	ALL	401308.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3147	ALL	401328.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
3148	ALL	401348.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
3149	ALL	401368.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3150	ALL	401388.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
3151	ALL	401408.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
3152	ALL	401428.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
3153	ALL	401448.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
3154	ALL	401468.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3155	ALL	401488.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
3156	ALL	401508.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
3157	ALL	401528.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
3158	ALL	401548.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
3159	ALL	401568.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
3160	ALL	401588.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
3161	ALL	401608.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03
3162	ALL	401628.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
3163	ALL	401648.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
3164	ALL	401668.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
3165	ALL	401688.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03
3166	ALL	401708.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03
3167	ALL	401728.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03

#		X	Y	Type	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10	V11	V12	V13	V14	V15
3168	ALL	401748.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-03
3169	ALL	401768.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03
3170	ALL	401788.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03
3171	ALL	401808.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-03
3172	ALL	401828.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-03
3173	ALL	401848.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-03
3174	ALL	401868.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-03
3175	ALL	401888.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-03
3176	ALL	401908.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-03
3177	ALL	401928.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-03
3178	ALL	401948.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-03
3179	ALL	401968.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03
3180	ALL	401988.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-03
3181	ALL	402008.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03
3182	ALL	402028.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03
3183	ALL	402048.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03
3184	ALL	402068.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-03
3185	ALL	402088.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-03
3186	ALL	402108.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03
3187	ALL	402128.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-03
3188	ALL	402148.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-03
3189	ALL	402168.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03
3190	ALL	402188.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-03
3191	ALL	402208.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03
3192	ALL	402228.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03
3193	ALL	402248.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
3194	ALL	402268.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03
3195	ALL	402288.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03
3196	ALL	402308.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
3197	ALL	402328.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
3198	ALL	402348.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03
3199	ALL	402368.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
3200	ALL	402388.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
3201	ALL	402408.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
3202	ALL	402428.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
3203	ALL	402448.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03
3204	ALL	402468.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03
3205	ALL	402488.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
3206	ALL	402508.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
3207	ALL	401308.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-04
3208	ALL	401328.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3209	ALL	401348.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3210	ALL	401368.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
3211	ALL	401388.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3212	ALL	401408.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
3213	ALL	401428.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
3214	ALL	401448.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
3215	ALL	401468.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
3216	ALL	401488.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
3217	ALL	401508.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
3218	ALL	401528.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
3219	ALL	401548.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3220	ALL	401568.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
3221	ALL	401588.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
3222	ALL	401608.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03
3223	ALL	401628.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
3224	ALL	401648.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03
3225	ALL	401668.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03
3226	ALL	401688.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
3227	ALL	401708.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03
3228	ALL	401728.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
3229	ALL	401748.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
3230	ALL	401768.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03
3231	ALL	401788.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03
3232	ALL	401808.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
3233	ALL	401828.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-03
3234	ALL	401848.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03
3235	ALL	401868.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03
3236	ALL	401888.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03
3237	ALL	401908.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03
3238	ALL	401928.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
3239	ALL	401948.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03
3240	ALL	401968.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
3241	ALL	401988.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03
3242	ALL	402008.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03
3243	ALL	402028.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
3244	ALL	402048.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03
3245	ALL	402068.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03
3246	ALL	402088.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
3247	ALL	402108.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
3248	ALL	402128.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03
3249	ALL	402148.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03
3250	ALL	402168.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03
3251	ALL	402188.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-03
3252	ALL	402208.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03
3253	ALL	402228.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03
3254	ALL	402248.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
3255	ALL	402268.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
3256	ALL	402288.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
3257	ALL	402308.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
3258	ALL	402328.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
3259	ALL	402348.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
3260	ALL	402368.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03
3261	ALL	402388.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
3262	ALL	402408.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
3263	ALL	402428.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
3264	ALL	402448.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
3265	ALL	402468.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
3266	ALL	402488.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03

3267	ALL	402508.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
3268	ALL	401308.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-04
3269	ALL	401328.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04
3270	ALL	401348.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3271	ALL	401368.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3272	ALL	401388.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
3273	ALL	401408.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3274	ALL	401428.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
3275	ALL	401448.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
3276	ALL	401468.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
3277	ALL	401488.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
3278	ALL	401508.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
3279	ALL	401528.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
3280	ALL	401548.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
3281	ALL	401568.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
3282	ALL	401588.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
3283	ALL	401608.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
3284	ALL	401628.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
3285	ALL	401648.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
3286	ALL	401668.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
3287	ALL	401688.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
3288	ALL	401708.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
3289	ALL	401728.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
3290	ALL	401748.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
3291	ALL	401768.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
3292	ALL	401788.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-03
3293	ALL	401808.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03
3294	ALL	401828.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-03
3295	ALL	401848.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-03
3296	ALL	401868.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03
3297	ALL	401888.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03
3298	ALL	401908.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03
3299	ALL	401928.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
3300	ALL	401948.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
3301	ALL	401968.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03
3302	ALL	401988.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
3303	ALL	402008.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
3304	ALL	402028.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
3305	ALL	402048.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03
3306	ALL	402068.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
3307	ALL	402088.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03
3308	ALL	402108.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03
3309	ALL	402128.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03
3310	ALL	402148.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03
3311	ALL	402168.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
3312	ALL	402188.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03
3313	ALL	402208.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03
3314	ALL	402228.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03
3315	ALL	402248.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
3316	ALL	402268.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03
3317	ALL	402288.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
3318	ALL	402308.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
3319	ALL	402328.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03
3320	ALL	402348.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03
3321	ALL	402368.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
3322	ALL	402388.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
3323	ALL	402408.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
3324	ALL	402428.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
3325	ALL	402448.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
3326	ALL	402468.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
3327	ALL	402488.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
3328	ALL	402508.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
3329	ALL	401308.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04
3330	ALL	401328.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04
3331	ALL	401348.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04
3332	ALL	401368.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
3333	ALL	401388.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3334	ALL	401408.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
3335	ALL	401428.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3336	ALL	401448.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
3337	ALL	401468.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
3338	ALL	401488.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
3339	ALL	401508.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
3340	ALL	401528.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3341	ALL	401548.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
3342	ALL	401568.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
3343	ALL	401588.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
3344	ALL	401608.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
3345	ALL	401628.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
3346	ALL	401648.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3347	ALL	401668.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
3348	ALL	401688.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
3349	ALL	401708.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
3350	ALL	401728.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
3351	ALL	401748.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
3352	ALL	401768.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
3353	ALL	401788.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
3354	ALL	401808.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
3355	ALL	401828.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03
3356	ALL	401848.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
3357	ALL	401868.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03
3358	ALL	401888.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
3359	ALL	401908.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
3360	ALL	401928.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
3361	ALL	401948.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
3362	ALL	401968.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
3363	ALL	401988.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
3364	ALL	402008.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
3365	ALL	402028.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03

3366	ALL	402048.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
3367	ALL	402068.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
3368	ALL	402088.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
3369	ALL	402108.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
3370	ALL	402128.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
3371	ALL	402148.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
3372	ALL	402168.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03
3373	ALL	402188.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03
3374	ALL	402208.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03
3375	ALL	402228.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03
3376	ALL	402248.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
3377	ALL	402268.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
3378	ALL	402288.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03
3379	ALL	402308.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
3380	ALL	402328.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
3381	ALL	402348.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
3382	ALL	402368.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
3383	ALL	402388.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
3384	ALL	402408.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
3385	ALL	402428.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
3386	ALL	402448.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
3387	ALL	402468.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
3388	ALL	402488.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
3389	ALL	402508.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
3390	ALL	401308.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
3391	ALL	401328.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
3392	ALL	401348.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04
3393	ALL	401368.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
3394	ALL	401388.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
3395	ALL	401408.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04
3396	ALL	401428.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3397	ALL	401448.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3398	ALL	401468.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3399	ALL	401488.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3400	ALL	401508.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
3401	ALL	401528.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
3402	ALL	401548.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
3403	ALL	401568.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
3404	ALL	401588.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3405	ALL	401608.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3406	ALL	401628.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
3407	ALL	401648.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
3408	ALL	401668.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
3409	ALL	401688.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
3410	ALL	401708.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
3411	ALL	401728.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3412	ALL	401748.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
3413	ALL	401768.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
3414	ALL	401788.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
3415	ALL	401808.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
3416	ALL	401828.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
3417	ALL	401848.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
3418	ALL	401868.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
3419	ALL	401888.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
3420	ALL	401908.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
3421	ALL	401928.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
3422	ALL	401948.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
3423	ALL	401968.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
3424	ALL	401988.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
3425	ALL	402008.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
3426	ALL	402028.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
3427	ALL	402048.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
3428	ALL	402068.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
3429	ALL	402088.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
3430	ALL	402108.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
3431	ALL	402128.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
3432	ALL	402148.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
3433	ALL	402168.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03
3434	ALL	402188.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
3435	ALL	402208.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
3436	ALL	402228.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
3437	ALL	402248.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03
3438	ALL	402268.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
3439	ALL	402288.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
3440	ALL	402308.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
3441	ALL	402328.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
3442	ALL	402348.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
3443	ALL	402368.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
3444	ALL	402388.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
3445	ALL	402408.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
3446	ALL	402428.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
3447	ALL	402448.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
3448	ALL	402468.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
3449	ALL	402488.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
3450	ALL	402508.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
3451	ALL	401308.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-04
3452	ALL	401328.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
3453	ALL	401348.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
3454	ALL	401368.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04
3455	ALL	401388.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04
3456	ALL	401408.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-04
3457	ALL	401428.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
3458	ALL	401448.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
3459	ALL	401468.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
3460	ALL	401488.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3461	ALL	401508.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
3462	ALL	401528.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
3463	ALL	401548.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
3464	ALL	401568.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03

3465	ALL	401588.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
3466	ALL	401608.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
3467	ALL	401628.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
3468	ALL	401648.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3469	ALL	401668.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
3470	ALL	401688.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3471	ALL	401708.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
3472	ALL	401728.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
3473	ALL	401748.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
3474	ALL	401768.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
3475	ALL	401788.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
3476	ALL	401808.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
3477	ALL	401828.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
3478	ALL	401848.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
3479	ALL	401868.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3480	ALL	401888.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
3481	ALL	401908.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
3482	ALL	401928.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
3483	ALL	401948.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
3484	ALL	401968.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
3485	ALL	401988.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
3486	ALL	402008.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
3487	ALL	402028.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
3488	ALL	402048.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
3489	ALL	402068.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
3490	ALL	402088.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
3491	ALL	402108.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
3492	ALL	402128.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
3493	ALL	402148.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
3494	ALL	402168.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
3495	ALL	402188.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
3496	ALL	402208.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
3497	ALL	402228.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
3498	ALL	402248.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
3499	ALL	402268.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
3500	ALL	402288.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
3501	ALL	402308.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
3502	ALL	402328.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
3503	ALL	402348.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
3504	ALL	402368.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
3505	ALL	402388.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
3506	ALL	402408.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
3507	ALL	402428.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3508	ALL	402448.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
3509	ALL	402468.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
3510	ALL	402488.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
3511	ALL	402508.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
3512	ALL	401308.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
3513	ALL	401328.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
3514	ALL	401348.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04
3515	ALL	401368.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
3516	ALL	401388.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04
3517	ALL	401408.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
3518	ALL	401428.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04
3519	ALL	401448.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-04
3520	ALL	401468.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04
3521	ALL	401488.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3522	ALL	401508.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
3523	ALL	401528.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
3524	ALL	401548.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3525	ALL	401568.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
3526	ALL	401588.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
3527	ALL	401608.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3528	ALL	401628.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
3529	ALL	401648.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
3530	ALL	401668.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
3531	ALL	401688.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
3532	ALL	401708.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3533	ALL	401728.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
3534	ALL	401748.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
3535	ALL	401768.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3536	ALL	401788.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3537	ALL	401808.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
3538	ALL	401828.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
3539	ALL	401848.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
3540	ALL	401868.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3541	ALL	401888.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3542	ALL	401908.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
3543	ALL	401928.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3544	ALL	401948.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
3545	ALL	401968.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3546	ALL	401988.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3547	ALL	402008.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
3548	ALL	402028.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
3549	ALL	402048.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
3550	ALL	402068.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
3551	ALL	402088.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
3552	ALL	402108.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
3553	ALL	402128.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
3554	ALL	402148.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
3555	ALL	402168.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
3556	ALL	402188.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
3557	ALL	402208.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
3558	ALL	402228.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
3559	ALL	402248.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
3560	ALL	402268.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
3561	ALL	402288.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
3562	ALL	402308.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
3563	ALL	402328.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03

3564	ALL	402348.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3565	ALL	402368.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3566	ALL	402388.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3567	ALL	402408.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3568	ALL	402428.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
3569	ALL	402448.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
3570	ALL	402468.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
3571	ALL	402488.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
3572	ALL	402508.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
3573	ALL	401308.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
3574	ALL	401328.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
3575	ALL	401348.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04
3576	ALL	401368.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
3577	ALL	401388.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04
3578	ALL	401408.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04
3579	ALL	401428.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
3580	ALL	401448.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
3581	ALL	401468.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04
3582	ALL	401488.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3583	ALL	401508.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
3584	ALL	401528.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
3585	ALL	401548.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
3586	ALL	401568.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
3587	ALL	401588.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
3588	ALL	401608.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
3589	ALL	401628.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
3590	ALL	401648.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3591	ALL	401668.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3592	ALL	401688.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
3593	ALL	401708.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
3594	ALL	401728.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
3595	ALL	401748.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
3596	ALL	401768.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
3597	ALL	401788.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
3598	ALL	401808.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
3599	ALL	401828.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
3600	ALL	401848.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
3601	ALL	401868.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3602	ALL	401888.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
3603	ALL	401908.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
3604	ALL	401928.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3605	ALL	401948.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3606	ALL	401968.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
3607	ALL	401988.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
3608	ALL	402008.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
3609	ALL	402028.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
3610	ALL	402048.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
3611	ALL	402068.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
3612	ALL	402088.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
3613	ALL	402108.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3614	ALL	402128.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
3615	ALL	402148.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3616	ALL	402168.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
3617	ALL	402188.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
3618	ALL	402208.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
3619	ALL	402228.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3620	ALL	402248.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
3621	ALL	402268.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3622	ALL	402288.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
3623	ALL	402308.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3624	ALL	402328.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
3625	ALL	402348.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
3626	ALL	402368.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
3627	ALL	402388.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
3628	ALL	402408.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3629	ALL	402428.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
3630	ALL	402448.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
3631	ALL	402468.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
3632	ALL	402488.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3633	ALL	402508.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
3634	ALL	401308.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
3635	ALL	401328.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04
3636	ALL	401348.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04
3637	ALL	401368.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04
3638	ALL	401388.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
3639	ALL	401408.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
3640	ALL	401428.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04
3641	ALL	401448.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
3642	ALL	401468.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-04
3643	ALL	401488.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04
3644	ALL	401508.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
3645	ALL	401528.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
3646	ALL	401548.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04
3647	ALL	401568.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
3648	ALL	401588.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04
3649	ALL	401608.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04
3650	ALL	401628.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3651	ALL	401648.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3652	ALL	401668.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
3653	ALL	401688.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3654	ALL	401708.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
3655	ALL	401728.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3656	ALL	401748.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3657	ALL	401768.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
3658	ALL	401788.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3659	ALL	401808.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3660	ALL	401828.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
3661	ALL	401848.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
3662	ALL	401868.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03

3663	ALL	401888.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3664	ALL	401908.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
3665	ALL	401928.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
3666	ALL	401948.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
3667	ALL	401968.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
3668	ALL	401988.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
3669	ALL	402008.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
3670	ALL	402028.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3671	ALL	402048.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
3672	ALL	402068.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
3673	ALL	402088.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
3674	ALL	402108.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
3675	ALL	402128.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
3676	ALL	402148.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
3677	ALL	402168.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
3678	ALL	402188.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
3679	ALL	402208.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
3680	ALL	402228.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3681	ALL	402248.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
3682	ALL	402268.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
3683	ALL	402288.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
3684	ALL	402308.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3685	ALL	402328.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3686	ALL	402348.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
3687	ALL	402368.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
3688	ALL	402388.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3689	ALL	402408.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
3690	ALL	402428.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
3691	ALL	402448.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
3692	ALL	402468.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
3693	ALL	402488.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
3694	ALL	402508.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
3695	ALL	401308.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
3696	ALL	401328.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
3697	ALL	401348.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
3698	ALL	401368.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
3699	ALL	401388.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
3700	ALL	401408.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04
3701	ALL	401428.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
3702	ALL	401448.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
3703	ALL	401468.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
3704	ALL	401488.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
3705	ALL	401508.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
3706	ALL	401528.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
3707	ALL	401548.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
3708	ALL	401568.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
3709	ALL	401588.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04
3710	ALL	401608.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04
3711	ALL	401628.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04
3712	ALL	401648.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
3713	ALL	401668.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
3714	ALL	401688.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
3715	ALL	401708.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-04
3716	ALL	401728.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04
3717	ALL	401748.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04
3718	ALL	401768.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
3719	ALL	401788.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3720	ALL	401808.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
3721	ALL	401828.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
3722	ALL	401848.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04
3723	ALL	401868.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04
3724	ALL	401888.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04
3725	ALL	401908.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04
3726	ALL	401928.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04
3727	ALL	401948.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3728	ALL	401968.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
3729	ALL	401988.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
3730	ALL	402008.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
3731	ALL	402028.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3732	ALL	402048.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3733	ALL	402068.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
3734	ALL	402088.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
3735	ALL	402108.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3736	ALL	402128.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
3737	ALL	402148.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
3738	ALL	402168.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3739	ALL	402188.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
3740	ALL	402208.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
3741	ALL	402228.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
3742	ALL	402248.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3743	ALL	402268.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3744	ALL	402288.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3745	ALL	402308.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3746	ALL	402328.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3747	ALL	402348.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3748	ALL	402368.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3749	ALL	402388.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
3750	ALL	402408.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
3751	ALL	402428.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
3752	ALL	402448.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
3753	ALL	402468.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3754	ALL	402488.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3755	ALL	402508.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3756	ALL	401308.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
3757	ALL	401328.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
3758	ALL	401348.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
3759	ALL	401368.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
3760	ALL	401388.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04
3761	ALL	401408.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04

3762	ALL	401428.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04
3763	ALL	401448.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
3764	ALL	401468.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04
3765	ALL	401488.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
3766	ALL	401508.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
3767	ALL	401528.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
3768	ALL	401548.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04
3769	ALL	401568.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
3770	ALL	401588.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
3771	ALL	401608.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
3772	ALL	401628.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04
3773	ALL	401648.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
3774	ALL	401668.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04
3775	ALL	401688.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04
3776	ALL	401708.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-04
3777	ALL	401728.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
3778	ALL	401748.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04
3779	ALL	401768.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04
3780	ALL	401788.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04
3781	ALL	401808.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04
3782	ALL	401828.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04
3783	ALL	401848.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-04
3784	ALL	401868.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
3785	ALL	401888.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04
3786	ALL	401908.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04
3787	ALL	401928.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04
3788	ALL	401948.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
3789	ALL	401968.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3790	ALL	401988.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04
3791	ALL	402008.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04
3792	ALL	402028.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04
3793	ALL	402048.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
3794	ALL	402068.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
3795	ALL	402088.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3796	ALL	402108.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
3797	ALL	402128.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
3798	ALL	402148.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
3799	ALL	402168.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
3800	ALL	402188.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
3801	ALL	402208.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
3802	ALL	402228.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
3803	ALL	402248.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3804	ALL	402268.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3805	ALL	402288.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3806	ALL	402308.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3807	ALL	402328.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3808	ALL	402348.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
3809	ALL	402368.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3810	ALL	402388.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3811	ALL	402408.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
3812	ALL	402428.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
3813	ALL	402448.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
3814	ALL	402468.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
3815	ALL	402488.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3816	ALL	402508.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
3817	ALL	401308.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
3818	ALL	401328.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
3819	ALL	401348.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04
3820	ALL	401368.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
3821	ALL	401388.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
3822	ALL	401408.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
3823	ALL	401428.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
3824	ALL	401448.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
3825	ALL	401468.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
3826	ALL	401488.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
3827	ALL	401508.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
3828	ALL	401528.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
3829	ALL	401548.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
3830	ALL	401568.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
3831	ALL	401588.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
3832	ALL	401608.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
3833	ALL	401628.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04
3834	ALL	401648.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04
3835	ALL	401668.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04
3836	ALL	401688.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
3837	ALL	401708.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
3838	ALL	401728.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04
3839	ALL	401748.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04
3840	ALL	401768.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04
3841	ALL	401788.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
3842	ALL	401808.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04
3843	ALL	401828.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04
3844	ALL	401848.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
3845	ALL	401868.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04
3846	ALL	401888.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
3847	ALL	401908.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
3848	ALL	401928.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
3849	ALL	401948.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
3850	ALL	401968.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-04
3851	ALL	401988.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04
3852	ALL	402008.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04
3853	ALL	402028.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
3854	ALL	402048.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04
3855	ALL	402068.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04
3856	ALL	402088.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3857	ALL	402108.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3858	ALL	402128.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3859	ALL	402148.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3860	ALL	402168.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03

3861	ALL	402188.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
3862	ALL	402208.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
3863	ALL	402228.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04
3864	ALL	402248.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04
3865	ALL	402268.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
3866	ALL	402288.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
3867	ALL	402308.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
3868	ALL	402328.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04
3869	ALL	402348.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
3870	ALL	402368.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04
3871	ALL	402388.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
3872	ALL	402408.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
3873	ALL	402428.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3874	ALL	402448.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
3875	ALL	402468.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
3876	ALL	402488.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
3877	ALL	402508.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
3878	ALL	401308.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
3879	ALL	401328.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
3880	ALL	401348.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
3881	ALL	401368.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
3882	ALL	401388.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
3883	ALL	401408.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
3884	ALL	401428.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
3885	ALL	401448.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
3886	ALL	401468.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
3887	ALL	401488.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04
3888	ALL	401508.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
3889	ALL	401528.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
3890	ALL	401548.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
3891	ALL	401568.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
3892	ALL	401588.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
3893	ALL	401608.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
3894	ALL	401628.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
3895	ALL	401648.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
3896	ALL	401668.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
3897	ALL	401688.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04
3898	ALL	401708.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
3899	ALL	401728.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
3900	ALL	401748.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
3901	ALL	401768.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
3902	ALL	401788.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
3903	ALL	401808.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04
3904	ALL	401828.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
3905	ALL	401848.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
3906	ALL	401868.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
3907	ALL	401888.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
3908	ALL	401908.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04
3909	ALL	401928.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
3910	ALL	401948.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
3911	ALL	401968.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04
3912	ALL	401988.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04
3913	ALL	402008.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
3914	ALL	402028.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
3915	ALL	402048.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04
3916	ALL	402068.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04
3917	ALL	402088.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-04
3918	ALL	402108.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04
3919	ALL	402128.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04
3920	ALL	402148.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3921	ALL	402168.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
3922	ALL	402188.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
3923	ALL	402208.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3924	ALL	402228.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
3925	ALL	402248.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04
3926	ALL	402268.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
3927	ALL	402288.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04
3928	ALL	402308.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04
3929	ALL	402328.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-04
3930	ALL	402348.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
3931	ALL	402368.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04
3932	ALL	402388.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
3933	ALL	402408.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04
3934	ALL	402428.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04
3935	ALL	402448.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
3936	ALL	402468.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04
3937	ALL	402488.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04
3938	ALL	402508.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04
3939	ALL	401308.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
3940	ALL	401328.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
3941	ALL	401348.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
3942	ALL	401368.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
3943	ALL	401388.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
3944	ALL	401408.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
3945	ALL	401428.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
3946	ALL	401448.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
3947	ALL	401468.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
3948	ALL	401488.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
3949	ALL	401508.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
3950	ALL	401528.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
3951	ALL	401548.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
3952	ALL	401568.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
3953	ALL	401588.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
3954	ALL	401608.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
3955	ALL	401628.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
3956	ALL	401648.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
3957	ALL	401668.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04
3958	ALL	401688.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
3959	ALL	401708.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04

3960	ALL	401728.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
3961	ALL	401748.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04
3962	ALL	401768.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
3963	ALL	401788.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
3964	ALL	401808.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
3965	ALL	401828.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
3966	ALL	401848.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
3967	ALL	401868.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04
3968	ALL	401888.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
3969	ALL	401908.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
3970	ALL	401928.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
3971	ALL	401948.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
3972	ALL	401968.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04
3973	ALL	401988.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04
3974	ALL	402008.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04
3975	ALL	402028.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04
3976	ALL	402048.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04
3977	ALL	402068.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
3978	ALL	402088.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04
3979	ALL	402108.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
3980	ALL	402128.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
3981	ALL	402148.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-04
3982	ALL	402168.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
3983	ALL	402188.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3984	ALL	402208.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
3985	ALL	402228.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04
3986	ALL	402248.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04
3987	ALL	402268.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
3988	ALL	402288.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
3989	ALL	402308.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
3990	ALL	402328.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04
3991	ALL	402348.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-04
3992	ALL	402368.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04
3993	ALL	402388.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
3994	ALL	402408.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
3995	ALL	402428.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04
3996	ALL	402448.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04
3997	ALL	402468.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-04
3998	ALL	402488.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04
3999	ALL	402508.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04
4000	ALL	402116.1	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-02
4001	ALL	402111.6	3781632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-02
4002	ALL	402072.8	3781725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-02
4003	ALL	402058.7	3781777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-02
4004	ALL	402061.5	3781813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-02
4005	ALL	402065.5	3781835	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-02
4006	ALL	401913.1	3781830	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02
4007	ALL	401870.3	3781887	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-02
4008	ALL	401788.8	3781885	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-02
4009	ALL	401791	3781612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-02

HARP2 - HRACalc (dated 21081) 4/8/2021 9:24:05 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.333333

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.333333
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining
pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for
details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS
HARP\hra\Res-MitCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at
Sierra Madre\MEADOWS HARP\hra\Res-MitCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS
HARP\hra\Res-MitNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows
at Sierra Madre\MEADOWS HARP\hra\Res-MitNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS
HARP\hra\Res-MitNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at
Sierra Madre\MEADOWS HARP\hra\Res-MitNCAcuteRiskSumByRec.csv
HRA ran successfully

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		399068	3778942	1.40E-08	1.333333Y	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		399349.8	3778942	1.51E-08	1.333333Y	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		399631.6	3778942	1.64E-08	1.333333Y	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		399913.4	3778942	1.78E-08	1.333333Y	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		400195.2	3778942	1.93E-08	1.333333Y	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		400477	3778942	2.08E-08	1.333333Y	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		400758.8	3778942	2.23E-08	1.333333Y	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		401040.6	3778942	2.38E-08	1.333333Y	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		401322.4	3778942	2.52E-08	1.333333Y	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		401604.2	3778942	2.65E-08	1.333333Y	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		401886	3778942	2.80E-08	1.333333Y	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		402167.8	3778942	2.97E-08	1.333333Y	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		402449.6	3778942	3.18E-08	1.333333Y	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		402731.4	3778942	3.38E-08	1.333333Y	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		403013.2	3778942	3.31E-08	1.333333Y	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		403295	3778942	2.95E-08	1.333333Y	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		403576.8	3778942	2.57E-08	1.333333Y	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		403858.6	3778942	2.26E-08	1.333333Y	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		404140.4	3778942	1.99E-08	1.333333Y	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		404422.2	3778942	1.79E-08	1.333333Y	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		404704	3778942	1.62E-08	1.333333Y	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		399068	3779206	1.50E-08	1.333333Y	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		399349.8	3779206	1.63E-08	1.333333Y	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		399631.6	3779206	1.78E-08	1.333333Y	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		399913.4	3779206	1.95E-08	1.333333Y	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		400195.2	3779206	2.13E-08	1.333333Y	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		400477	3779206	2.32E-08	1.333333Y	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		400758.8	3779206	2.52E-08	1.333333Y	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		401040.6	3779206	2.71E-08	1.333333Y	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		401322.4	3779206	2.93E-08	1.333333Y	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		401604.2	3779206	3.10E-08	1.333333Y	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		401886	3779206	3.32E-08	1.333333Y	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		402167.8	3779206	3.62E-08	1.333333Y	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		402449.6	3779206	4.14E-08	1.333333Y	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		402731.4	3779206	5.32E-08	1.333333Y	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		403013.2	3779206	5.46E-08	1.333333Y	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		403295	3779206	3.90E-08	1.333333Y	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		403576.8	3779206	3.11E-08	1.333333Y	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		403858.6	3779206	2.62E-08	1.333333Y	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		404140.4	3779206	2.25E-08	1.333333Y	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		404422.2	3779206	1.98E-08	1.333333Y	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		404704	3779206	1.77E-08	1.333333Y	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		399068	3779469	1.60E-08	1.333333Y	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		399349.8	3779469	1.75E-08	1.333333Y	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		399631.6	3779469	1.92E-08	1.333333Y	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		399913.4	3779469	2.13E-08	1.333333Y	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		400195.2	3779469	2.36E-08	1.333333Y	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		400477	3779469	2.60E-08	1.333333Y	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		400758.8	3779469	2.86E-08	1.333333Y	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		401040.6	3779469	3.14E-08	1.333333Y	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		401322.4	3779469	3.39E-08	1.333333Y	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		401604.2	3779469	3.64E-08	1.333333Y	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		401886	3779469	3.94E-08	1.333333Y	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		402167.8	3779469	4.35E-08	1.333333Y	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		402449.6	3779469	5.26E-08	1.333333Y	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		402731.4	3779469	9.47E-08	1.333333Y	9.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		403013.2	3779469	1.36E-07	1.333333Y	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		403295	3779469	5.33E-08	1.333333Y	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		403576.8	3779469	3.77E-08	1.333333Y	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		403858.6	3779469	3.02E-08	1.333333Y	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		404140.4	3779469	2.54E-08	1.333333Y	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		404422.2	3779469	2.18E-08	1.333333Y	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		404704	3779469	1.92E-08	1.333333Y	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		399068	3779733	1.70E-08	1.333333Y	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		399349.8	3779733	1.88E-08	1.333333Y	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		399631.6	3779733	2.09E-08	1.333333Y	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		399913.4	3779733	2.34E-08	1.333333Y	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		400195.2	3779733	2.62E-08	1.333333Y	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		400477	3779733	2.93E-08	1.333333Y	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		400758.8	3779733	3.32E-08	1.333333Y	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		401040.6	3779733	3.66E-08	1.333333Y	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		401322.4	3779733	3.99E-08	1.333333Y	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		401604.2	3779733	4.32E-08	1.333333Y	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		401886	3779733	4.66E-08	1.333333Y	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		402167.8	3779733	5.13E-08	1.333333Y	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		402449.6	3779733	6.13E-08	1.333333Y	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		402731.4	3779733	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		403013.2	3779733	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		403295	3779733	6.62E-08	1.333333Y	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		403576.8	3779733	4.47E-08	1.333333Y	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		403858.6	3779733	3.46E-08	1.333333Y	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		404140.4	3779733	2.82E-08	1.333333Y	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		404422.2	3779733	2.41E-08	1.333333Y	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		404704	3779733	2.08E-08	1.333333Y	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		399068	3779996	1.81E-08	1.333333Y	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		399349.8	3779996	2.02E-08	1.333333Y	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		399631.6	3779996	2.27E-08	1.333333Y	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		399913.4	3779996	2.56E-08	1.333333Y	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		400195.2	3779996	2.91E-08	1.333333Y	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		400477	3779996	3.32E-08	1.333333Y	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91 ALL	400758.8	3779996	3.85E-08	1.333333Y		3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92 ALL	401040.6	3779996	4.32E-08	1.333333Y		4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93 ALL	401322.4	3779996	4.79E-08	1.333333Y		4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94 ALL	401604.2	3779996	5.23E-08	1.333333Y		5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95 ALL	401886	3779996	5.62E-08	1.333333Y		5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96 ALL	402167.8	3779996	6.05E-08	1.333333Y		6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97 ALL	402449.6	3779996	6.99E-08	1.333333Y		6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98 ALL	402731.4	3779996	1.09E-07	1.333333Y		1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99 ALL	403013.2	3779996	2.13E-07	1.333333Y		2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100 ALL	403295	3779996	7.59E-08	1.333333Y		7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101 ALL	403576.8	3779996	5.09E-08	1.333333Y		5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102 ALL	403858.6	3779996	3.87E-08	1.333333Y		3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103 ALL	404140.4	3779996	3.13E-08	1.333333Y		3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104 ALL	404422.2	3779996	2.62E-08	1.333333Y		2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105 ALL	404704	3779996	2.24E-08	1.333333Y		2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106 ALL	399068	3780260	1.92E-08	1.333333Y		1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107 ALL	399349.8	3780260	2.16E-08	1.333333Y		2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108 ALL	399631.6	3780260	2.45E-08	1.333333Y		2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109 ALL	399913.4	3780260	2.81E-08	1.333333Y		2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110 ALL	400195.2	3780260	3.25E-08	1.333333Y		3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111 ALL	400477	3780260	3.87E-08	1.333333Y		3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112 ALL	400758.8	3780260	4.50E-08	1.333333Y		4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113 ALL	401040.6	3780260	5.19E-08	1.333333Y		5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114 ALL	401322.4	3780260	5.91E-08	1.333333Y		5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115 ALL	401604.2	3780260	6.54E-08	1.333333Y		6.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116 ALL	401886	3780260	7.01E-08	1.333333Y		7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117 ALL	402167.8	3780260	7.38E-08	1.333333Y		7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118 ALL	402449.6	3780260	8.06E-08	1.333333Y		8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119 ALL	402731.4	3780260	1.13E-07	1.333333Y		1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120 ALL	403013.2	3780260	2.59E-07	1.333333Y		2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121 ALL	403295	3780260	8.41E-08	1.333333Y		8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122 ALL	403576.8	3780260	5.64E-08	1.333333Y		5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123 ALL	403858.6	3780260	4.27E-08	1.333333Y		4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124 ALL	404140.4	3780260	3.41E-08	1.333333Y		3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125 ALL	404422.2	3780260	2.83E-08	1.333333Y		2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126 ALL	404704	3780260	2.40E-08	1.333333Y		2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127 ALL	399068	3780523	2.03E-08	1.333333Y		2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128 ALL	399349.8	3780523	2.29E-08	1.333333Y		2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129 ALL	399631.6	3780523	2.63E-08	1.333333Y		2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130 ALL	399913.4	3780523	3.06E-08	1.333333Y		3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131 ALL	400195.2	3780523	3.65E-08	1.333333Y		3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132 ALL	400477	3780523	4.35E-08	1.333333Y		4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133 ALL	400758.8	3780523	5.34E-08	1.333333Y		5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134 ALL	401040.6	3780523	6.40E-08	1.333333Y		6.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135 ALL	401322.4	3780523	7.57E-08	1.333333Y		7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136 ALL	401604.2	3780523	8.64E-08	1.333333Y		8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137 ALL	401886	3780523	9.29E-08	1.333333Y		9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138 ALL	402167.8	3780523	9.48E-08	1.333333Y		9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139 ALL	402449.6	3780523	9.71E-08	1.333333Y		9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140 ALL	402731.4	3780523	1.20E-07	1.333333Y		1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141 ALL	403013.2	3780523	3.30E-07	1.333333Y		3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142 ALL	403295	3780523	9.26E-08	1.333333Y		9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143 ALL	403576.8	3780523	6.16E-08	1.333333Y		6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144 ALL	403858.6	3780523	4.64E-08	1.333333Y		4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145 ALL	404140.4	3780523	3.67E-08	1.333333Y		3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146 ALL	404422.2	3780523	3.02E-08	1.333333Y		3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147 ALL	404704	3780523	2.54E-08	1.333333Y		2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148 ALL	399068	3780787	2.12E-08	1.333333Y		2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149 ALL	399349.8	3780787	2.43E-08	1.333333Y		2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150 ALL	399631.6	3780787	2.77E-08	1.333333Y		2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151 ALL	399913.4	3780787	3.31E-08	1.333333Y		3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152 ALL	400195.2	3780787	4.03E-08	1.333333Y		4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153 ALL	400477	3780787	5.02E-08	1.333333Y		5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154 ALL	400758.8	3780787	6.41E-08	1.333333Y		6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155 ALL	401040.6	3780787	8.11E-08	1.333333Y		8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156 ALL	401322.4	3780787	1.03E-07	1.333333Y		1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157 ALL	401604.2	3780787	1.23E-07	1.333333Y		1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158 ALL	401886	3780787	1.35E-07	1.333333Y		1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159 ALL	402167.8	3780787	1.33E-07	1.333333Y		1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160 ALL	402449.6	3780787	1.25E-07	1.333333Y		1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161 ALL	402731.4	3780787	1.34E-07	1.333333Y		1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162 ALL	403013.2	3780787	4.40E-07	1.333333Y		4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163 ALL	403295	3780787	1.02E-07	1.333333Y		1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164 ALL	403576.8	3780787	6.68E-08	1.333333Y		6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165 ALL	403858.6	3780787	4.99E-08	1.333333Y		4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166 ALL	404140.4	3780787	3.91E-08	1.333333Y		3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167 ALL	404422.2	3780787	3.18E-08	1.333333Y		3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168 ALL	404704	3780787	2.72E-08	1.333333Y		2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169 ALL	399068	3781050	2.20E-08	1.333333Y		2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170 ALL	399349.8	3781050	2.54E-08	1.333333Y		2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171 ALL	399631.6	3781050	2.98E-08	1.333333Y		2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172 ALL	399913.4	3781050	3.52E-08	1.333333Y		3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173 ALL	400195.2	3781050	4.42E-08	1.333333Y		4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174 ALL	400477	3781050	5.75E-08	1.333333Y		5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175 ALL	400758.8	3781050	7.71E-08	1.333333Y		7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176 ALL	401040.6	3781050	1.05E-07	1.333333Y		1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177 ALL	401322.4	3781050	1.46E-07	1.333333Y		1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178 ALL	401604.2	3781050	1.97E-07	1.333333Y		1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179 ALL	401886	3781050	2.28E-07	1.333333Y		2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180 ALL	402167.8	3781050	2.13E-07	1.333333Y		2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181 ALL	402449.6	3781050	1.77E-07	1.333333Y		1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

#		X	Y	V1	V2	V3											
182	ALL	402731.4	3781050	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	403013.2	3781050	6.71E-07	1.333333Y	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	403295	3781050	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	403576.8	3781050	7.17E-08	1.333333Y	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	403858.6	3781050	5.27E-08	1.333333Y	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	404140.4	3781050	4.11E-08	1.333333Y	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	404422.2	3781050	3.36E-08	1.333333Y	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	404704	3781050	2.89E-08	1.333333Y	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	399068	3781314	2.28E-08	1.333333Y	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	399349.8	3781314	2.62E-08	1.333333Y	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	399631.6	3781314	3.11E-08	1.333333Y	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	399913.4	3781314	3.86E-08	1.333333Y	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	400195.2	3781314	5.07E-08	1.333333Y	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	400477	3781314	6.46E-08	1.333333Y	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	400758.8	3781314	9.06E-08	1.333333Y	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	401040.6	3781314	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	401322.4	3781314	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	401604.2	3781314	3.68E-07	1.333333Y	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	401886	3781314	5.21E-07	1.333333Y	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	402167.8	3781314	4.34E-07	1.333333Y	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	402449.6	3781314	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	402731.4	3781314	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	403013.2	3781314	9.92E-07	1.333333Y	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	403295	3781314	1.21E-07	1.333333Y	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	403576.8	3781314	7.55E-08	1.333333Y	7.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	403858.6	3781314	5.49E-08	1.333333Y	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	404140.4	3781314	4.24E-08	1.333333Y	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	404422.2	3781314	3.56E-08	1.333333Y	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	404704	3781314	3.04E-08	1.333333Y	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	399068	3781578	2.30E-08	1.333333Y	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	399349.8	3781578	2.66E-08	1.333333Y	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	399631.6	3781578	3.25E-08	1.333333Y	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	399913.4	3781578	4.17E-08	1.333333Y	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	400195.2	3781578	5.36E-08	1.333333Y	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	400477	3781578	7.10E-08	1.333333Y	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	400758.8	3781578	1.00E-07	1.333333Y	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	401040.6	3781578	1.58E-07	1.333333Y	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	401322.4	3781578	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	401604.2	3781578	7.78E-07	1.333333Y	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	401886	3781578	3.51E-06	1.333333Y	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	402167.8	3781578	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	402449.6	3781578	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	402731.4	3781578	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	403013.2	3781578	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	403295	3781578	1.23E-07	1.333333Y	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	403576.8	3781578	7.82E-08	1.333333Y	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	403858.6	3781578	6.03E-08	1.333333Y	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	404140.4	3781578	4.49E-08	1.333333Y	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	404422.2	3781578	3.85E-08	1.333333Y	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	404704	3781578	3.21E-08	1.333333Y	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	399068	3781841	2.30E-08	1.333333Y	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	399349.8	3781841	2.72E-08	1.333333Y	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	399631.6	3781841	3.44E-08	1.333333Y	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	399913.4	3781841	4.22E-08	1.333333Y	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	400195.2	3781841	5.42E-08	1.333333Y	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	400477	3781841	7.08E-08	1.333333Y	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	400758.8	3781841	1.02E-07	1.333333Y	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	401040.6	3781841	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	401322.4	3781841	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	401604.2	3781841	7.06E-07	1.333333Y	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	402167.8	3781841	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	402449.6	3781841	5.55E-07	1.333333Y	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	402731.4	3781841	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	403013.2	3781841	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	403295	3781841	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	403576.8	3781841	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	403858.6	3781841	5.73E-08	1.333333Y	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	404140.4	3781841	4.71E-08	1.333333Y	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	404422.2	3781841	4.86E-08	1.333333Y	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	404704	3781841	3.59E-08	1.333333Y	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	399068	3782105	2.29E-08	1.333333Y	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	399349.8	3782105	2.76E-08	1.333333Y	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	399631.6	3782105	3.36E-08	1.333333Y	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	399913.4	3782105	3.87E-08	1.333333Y	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	400195.2	3782105	4.29E-08	1.333333Y	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	400477	3782105	4.88E-08	1.333333Y	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	400758.8	3782105	8.49E-08	1.333333Y	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	401040.6	3782105	7.76E-08	1.333333Y	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	401322.4	3782105	9.33E-08	1.333333Y	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	401604.2	3782105	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	401886	3782105	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	402167.8	3782105	2.86E-07	1.333333Y	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	402449.6	3782105	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	402731.4	3782105	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	403013.2	3782105	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	403295	3782105	1.23E-07	1.333333Y	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	403576.8	3782105	9.40E-08	1.333333Y	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	403858.6	3782105	5.54E-08	1.333333Y	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	404140.4	3782105	5.95E-08	1.333333Y	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	404422.2	3782105	4.87E-08	1.333333Y	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	404704	3782105	4.53E-08	1.333333Y	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273 ALL	399068	3782368	2.26E-08	1.333333Y	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274 ALL	399349.8	3782368	2.70E-08	1.333333Y	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275 ALL	399631.6	3782368	2.86E-08	1.333333Y	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276 ALL	399913.4	3782368	2.76E-08	1.333333Y	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277 ALL	400195.2	3782368	3.15E-08	1.333333Y	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278 ALL	400477	3782368	2.95E-08	1.333333Y	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279 ALL	400758.8	3782368	3.84E-08	1.333333Y	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280 ALL	401040.6	3782368	3.36E-08	1.333333Y	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281 ALL	401322.4	3782368	4.37E-08	1.333333Y	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282 ALL	401604.2	3782368	4.65E-08	1.333333Y	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283 ALL	401886	3782368	5.22E-08	1.333333Y	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284 ALL	402167.8	3782368	6.47E-08	1.333333Y	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285 ALL	402449.6	3782368	6.11E-08	1.333333Y	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286 ALL	402731.4	3782368	6.91E-08	1.333333Y	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287 ALL	403013.2	3782368	7.80E-08	1.333333Y	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288 ALL	403295	3782368	8.19E-08	1.333333Y	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289 ALL	403576.8	3782368	7.86E-08	1.333333Y	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290 ALL	403858.6	3782368	7.16E-08	1.333333Y	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291 ALL	404140.4	3782368	6.02E-08	1.333333Y	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292 ALL	404422.2	3782368	5.15E-08	1.333333Y	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293 ALL	404704	3782368	4.32E-08	1.333333Y	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294 ALL	399068	3782632	2.21E-08	1.333333Y	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295 ALL	399349.8	3782632	1.81E-08	1.333333Y	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296 ALL	399631.6	3782632	2.64E-08	1.333333Y	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297 ALL	399913.4	3782632	1.64E-08	1.333333Y	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298 ALL	400195.2	3782632	1.85E-08	1.333333Y	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299 ALL	400477	3782632	1.88E-08	1.333333Y	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300 ALL	400758.8	3782632	2.07E-08	1.333333Y	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301 ALL	401040.6	3782632	2.06E-08	1.333333Y	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302 ALL	401322.4	3782632	2.26E-08	1.333333Y	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303 ALL	401604.2	3782632	2.73E-08	1.333333Y	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304 ALL	401886	3782632	2.92E-08	1.333333Y	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305 ALL	402167.8	3782632	3.07E-08	1.333333Y	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306 ALL	402449.6	3782632	3.13E-08	1.333333Y	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307 ALL	402731.4	3782632	3.24E-08	1.333333Y	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308 ALL	403013.2	3782632	3.62E-08	1.333333Y	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309 ALL	403295	3782632	4.08E-08	1.333333Y	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310 ALL	403576.8	3782632	4.49E-08	1.333333Y	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311 ALL	403858.6	3782632	4.72E-08	1.333333Y	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312 ALL	404140.4	3782632	4.68E-08	1.333333Y	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313 ALL	404422.2	3782632	4.47E-08	1.333333Y	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314 ALL	404704	3782632	4.16E-08	1.333333Y	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315 ALL	399068	3782895	2.13E-08	1.333333Y	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316 ALL	399349.8	3782895	2.34E-08	1.333333Y	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317 ALL	399631.6	3782895	1.13E-08	1.333333Y	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318 ALL	399913.4	3782895	1.63E-08	1.333333Y	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319 ALL	400195.2	3782895	1.27E-08	1.333333Y	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320 ALL	400477	3782895	1.41E-08	1.333333Y	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321 ALL	400758.8	3782895	1.36E-08	1.333333Y	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322 ALL	401040.6	3782895	1.49E-08	1.333333Y	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323 ALL	401322.4	3782895	1.59E-08	1.333333Y	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324 ALL	401604.2	3782895	1.84E-08	1.333333Y	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325 ALL	401886	3782895	1.82E-08	1.333333Y	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326 ALL	402167.8	3782895	1.85E-08	1.333333Y	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327 ALL	402449.6	3782895	2.01E-08	1.333333Y	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328 ALL	402731.4	3782895	2.07E-08	1.333333Y	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329 ALL	403013.2	3782895	2.10E-08	1.333333Y	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330 ALL	403295	3782895	2.33E-08	1.333333Y	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331 ALL	403576.8	3782895	2.63E-08	1.333333Y	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332 ALL	403858.6	3782895	2.80E-08	1.333333Y	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333 ALL	404140.4	3782895	2.96E-08	1.333333Y	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334 ALL	404422.2	3782895	3.07E-08	1.333333Y	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335 ALL	404704	3782895	3.12E-08	1.333333Y	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336 ALL	399068	3783159	1.85E-08	1.333333Y	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337 ALL	399349.8	3783159	1.23E-08	1.333333Y	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338 ALL	399631.6	3783159	8.15E-09	1.333333Y	8.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339 ALL	399913.4	3783159	9.56E-09	1.333333Y	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340 ALL	400195.2	3783159	9.80E-09	1.333333Y	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341 ALL	400477	3783159	1.01E-08	1.333333Y	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342 ALL	400758.8	3783159	1.11E-08	1.333333Y	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343 ALL	401040.6	3783159	1.09E-08	1.333333Y	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344 ALL	401322.4	3783159	1.21E-08	1.333333Y	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345 ALL	401604.2	3783159	1.35E-08	1.333333Y	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346 ALL	401886	3783159	1.31E-08	1.333333Y	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347 ALL	402167.8	3783159	1.30E-08	1.333333Y	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348 ALL	402449.6	3783159	1.41E-08	1.333333Y	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349 ALL	402731.4	3783159	1.45E-08	1.333333Y	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350 ALL	403013.2	3783159	1.31E-08	1.333333Y	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351 ALL	403295	3783159	1.54E-08	1.333333Y	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352 ALL	403576.8	3783159	1.69E-08	1.333333Y	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353 ALL	403858.6	3783159	1.83E-08	1.333333Y	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354 ALL	404140.4	3783159	1.93E-08	1.333333Y	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355 ALL	404422.2	3783159	2.03E-08	1.333333Y	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356 ALL	404704	3783159	2.12E-08	1.333333Y	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357 ALL	399068	3783422	9.03E-09	1.333333Y	9.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358 ALL	399349.8	3783422	6.82E-09	1.333333Y	6.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359 ALL	399631.6	3783422	7.23E-09	1.333333Y	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360 ALL	399913.4	3783422	7.44E-09	1.333333Y	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361 ALL	400195.2	3783422	7.55E-09	1.333333Y	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362 ALL	400477	3783422	8.12E-09	1.333333Y	8.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363 ALL	400758.8	3783422	8.28E-09	1.333333Y	8.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	401040.6	3783422	8.81E-09	1.333333Y	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	401322.4	3783422	9.41E-09	1.333333Y	9.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	401604.2	3783422	1.04E-08	1.333333Y	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	401886	3783422	1.01E-08	1.333333Y	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	402167.8	3783422	9.92E-09	1.333333Y	9.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	402449.6	3783422	1.04E-08	1.333333Y	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	402731.4	3783422	1.11E-08	1.333333Y	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	403013.2	3783422	9.56E-09	1.333333Y	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	403295	3783422	1.15E-08	1.333333Y	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	403576.8	3783422	1.21E-08	1.333333Y	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	403858.6	3783422	1.28E-08	1.333333Y	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	404140.4	3783422	1.37E-08	1.333333Y	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	404422.2	3783422	1.40E-08	1.333333Y	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	404704	3783422	1.37E-08	1.333333Y	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	399068	3783686	5.49E-09	1.333333Y	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	399349.8	3783686	5.70E-09	1.333333Y	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	399631.6	3783686	5.73E-09	1.333333Y	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	399913.4	3783686	5.99E-09	1.333333Y	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	400195.2	3783686	6.39E-09	1.333333Y	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	400477	3783686	6.49E-09	1.333333Y	6.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	400758.8	3783686	6.71E-09	1.333333Y	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	401040.6	3783686	7.48E-09	1.333333Y	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	401322.4	3783686	7.59E-09	1.333333Y	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	401604.2	3783686	8.10E-09	1.333333Y	8.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	401886	3783686	6.94E-09	1.333333Y	6.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	402167.8	3783686	6.63E-09	1.333333Y	6.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	402449.6	3783686	6.98E-09	1.333333Y	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	402731.4	3783686	6.43E-09	1.333333Y	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	403013.2	3783686	5.20E-09	1.333333Y	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	403295	3783686	8.82E-09	1.333333Y	8.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	403576.8	3783686	9.26E-09	1.333333Y	9.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	403858.6	3783686	9.61E-09	1.333333Y	9.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	404140.4	3783686	1.00E-08	1.333333Y	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	404422.2	3783686	1.06E-08	1.333333Y	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	404704	3783686	8.79E-09	1.333333Y	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	399068	3783950	4.74E-09	1.333333Y	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	399349.8	3783950	4.72E-09	1.333333Y	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	399631.6	3783950	4.95E-09	1.333333Y	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	399913.4	3783950	5.25E-09	1.333333Y	5.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	400195.2	3783950	5.26E-09	1.333333Y	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	400477	3783950	5.31E-09	1.333333Y	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	400758.8	3783950	5.67E-09	1.333333Y	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	401040.6	3783950	6.35E-09	1.333333Y	6.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	401322.4	3783950	6.46E-09	1.333333Y	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	401604.2	3783950	6.36E-09	1.333333Y	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	401886	3783950	3.62E-09	1.333333Y	3.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	402167.8	3783950	3.12E-09	1.333333Y	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	402449.6	3783950	4.03E-09	1.333333Y	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	402731.4	3783950	3.33E-09	1.333333Y	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	403013.2	3783950	6.56E-09	1.333333Y	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	403295	3783950	7.51E-09	1.333333Y	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	403576.8	3783950	7.61E-09	1.333333Y	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	403858.6	3783950	7.67E-09	1.333333Y	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	404140.4	3783950	7.78E-09	1.333333Y	7.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	404422.2	3783950	6.51E-09	1.333333Y	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	404704	3783950	5.99E-09	1.333333Y	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	399068	3784213	3.99E-09	1.333333Y	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	399349.8	3784213	4.16E-09	1.333333Y	4.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	399631.6	3784213	4.44E-09	1.333333Y	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	399913.4	3784213	4.51E-09	1.333333Y	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	400195.2	3784213	3.81E-09	1.333333Y	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	400477	3784213	3.45E-09	1.333333Y	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	400758.8	3784213	3.29E-09	1.333333Y	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	401040.6	3784213	5.23E-09	1.333333Y	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	401322.4	3784213	5.60E-09	1.333333Y	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	401604.2	3784213	5.80E-09	1.333333Y	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	401886	3784213	2.59E-09	1.333333Y	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	402167.8	3784213	1.46E-09	1.333333Y	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	402449.6	3784213	2.19E-09	1.333333Y	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	402731.4	3784213	4.86E-09	1.333333Y	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	403013.2	3784213	5.97E-09	1.333333Y	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	403295	3784213	6.48E-09	1.333333Y	6.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	403576.8	3784213	6.36E-09	1.333333Y	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	403858.6	3784213	5.56E-09	1.333333Y	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	404140.4	3784213	4.42E-09	1.333333Y	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	404422.2	3784213	3.38E-09	1.333333Y	3.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	404704	3784213	4.83E-09	1.333333Y	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	401308.9	3781009	1.36E-07	1.333333Y	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	401328.9	3781009	1.39E-07	1.333333Y	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	401348.9	3781009	1.42E-07	1.333333Y	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	401368.9	3781009	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	401388.9	3781009	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	401408.9	3781009	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	401428.9	3781009	1.54E-07	1.333333Y	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	401448.9	3781009	1.57E-07	1.333333Y	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	401468.9	3781009	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	401488.9	3781009	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	401508.9	3781009	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	401528.9	3781009	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	401548.9	3781009	1.73E-07	1.333333Y	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	401568.9	3781009	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455 ALL	401588.9	3781009	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456 ALL	401608.9	3781009	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457 ALL	401628.9	3781009	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458 ALL	401648.9	3781009	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459 ALL	401668.9	3781009	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460 ALL	401688.9	3781009	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461 ALL	401708.9	3781009	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462 ALL	401728.9	3781009	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463 ALL	401748.9	3781009	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464 ALL	401768.9	3781009	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465 ALL	401788.9	3781009	2.02E-07	1.333333Y	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466 ALL	401808.9	3781009	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467 ALL	401828.9	3781009	2.04E-07	1.333333Y	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468 ALL	401848.9	3781009	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469 ALL	401868.9	3781009	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470 ALL	401888.9	3781009	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471 ALL	401908.9	3781009	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472 ALL	401928.9	3781009	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473 ALL	401948.9	3781009	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474 ALL	401968.9	3781009	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475 ALL	401988.9	3781009	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476 ALL	402008.9	3781009	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477 ALL	402028.9	3781009	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478 ALL	402048.9	3781009	2.04E-07	1.333333Y	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479 ALL	402068.9	3781009	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480 ALL	402088.9	3781009	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481 ALL	402108.9	3781009	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482 ALL	402128.9	3781009	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483 ALL	402148.9	3781009	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484 ALL	402168.9	3781009	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485 ALL	402188.9	3781009	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486 ALL	402208.9	3781009	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487 ALL	402228.9	3781009	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488 ALL	402248.9	3781009	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489 ALL	402268.9	3781009	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490 ALL	402288.9	3781009	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491 ALL	402308.9	3781009	1.81E-07	1.333333Y	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492 ALL	402328.9	3781009	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493 ALL	402348.9	3781009	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494 ALL	402368.9	3781009	1.74E-07	1.333333Y	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495 ALL	402388.9	3781009	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496 ALL	402408.9	3781009	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497 ALL	402428.9	3781009	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498 ALL	402448.9	3781009	1.66E-07	1.333333Y	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499 ALL	402468.9	3781009	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500 ALL	402488.9	3781009	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501 ALL	402508.9	3781009	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502 ALL	401308.9	3781029	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503 ALL	401328.9	3781029	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504 ALL	401348.9	3781029	1.46E-07	1.333333Y	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505 ALL	401368.9	3781029	1.49E-07	1.333333Y	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506 ALL	401388.9	3781029	1.52E-07	1.333333Y	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507 ALL	401408.9	3781029	1.56E-07	1.333333Y	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508 ALL	401428.9	3781029	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509 ALL	401448.9	3781029	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510 ALL	401468.9	3781029	1.66E-07	1.333333Y	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511 ALL	401488.9	3781029	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512 ALL	401508.9	3781029	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513 ALL	401528.9	3781029	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514 ALL	401548.9	3781029	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515 ALL	401568.9	3781029	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516 ALL	401588.9	3781029	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517 ALL	401608.9	3781029	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518 ALL	401628.9	3781029	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519 ALL	401648.9	3781029	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520 ALL	401668.9	3781029	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521 ALL	401688.9	3781029	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522 ALL	401708.9	3781029	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523 ALL	401728.9	3781029	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524 ALL	401748.9	3781029	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525 ALL	401768.9	3781029	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526 ALL	401788.9	3781029	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527 ALL	401808.9	3781029	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528 ALL	401828.9	3781029	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529 ALL	401848.9	3781029	2.15E-07	1.333333Y	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530 ALL	401868.9	3781029	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531 ALL	401888.9	3781029	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532 ALL	401908.9	3781029	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533 ALL	401928.9	3781029	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534 ALL	401948.9	3781029	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535 ALL	401968.9	3781029	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536 ALL	401988.9	3781029	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537 ALL	402008.9	3781029	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538 ALL	402028.9	3781029	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539 ALL	402048.9	3781029	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540 ALL	402068.9	3781029	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541 ALL	402088.9	3781029	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542 ALL	402108.9	3781029	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543 ALL	402128.9	3781029	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544 ALL	402148.9	3781029	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545 ALL	402168.9	3781029	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546 ALL	402188.9	3781029	2.01E-07	1.333333Y|	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547 ALL	402208.9	3781029	1.99E-07	1.333333Y|	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548 ALL	402228.9	3781029	1.97E-07	1.333333Y|	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549 ALL	402248.9	3781029	1.95E-07	1.333333Y|	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550 ALL	402268.9	3781029	1.92E-07	1.333333Y|	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551 ALL	402288.9	3781029	1.90E-07	1.333333Y|	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552 ALL	402308.9	3781029	1.87E-07	1.333333Y|	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553 ALL	402328.9	3781029	1.85E-07	1.333333Y|	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554 ALL	402348.9	3781029	1.83E-07	1.333333Y|	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555 ALL	402368.9	3781029	1.80E-07	1.333333Y|	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556 ALL	402388.9	3781029	1.78E-07	1.333333Y|	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557 ALL	402408.9	3781029	1.76E-07	1.333333Y|	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558 ALL	402428.9	3781029	1.74E-07	1.333333Y|	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559 ALL	402448.9	3781029	1.71E-07	1.333333Y|	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560 ALL	402468.9	3781029	1.69E-07	1.333333Y|	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561 ALL	402488.9	3781029	1.67E-07	1.333333Y|	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562 ALL	402508.9	3781029	1.65E-07	1.333333Y|	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563 ALL	401308.9	3781049	1.44E-07	1.333333Y|	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564 ALL	401328.9	3781049	1.47E-07	1.333333Y|	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565 ALL	401348.9	3781049	1.51E-07	1.333333Y|	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566 ALL	401368.9	3781049	1.54E-07	1.333333Y|	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567 ALL	401388.9	3781049	1.57E-07	1.333333Y|	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568 ALL	401408.9	3781049	1.61E-07	1.333333Y|	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569 ALL	401428.9	3781049	1.65E-07	1.333333Y|	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570 ALL	401448.9	3781049	1.68E-07	1.333333Y|	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571 ALL	401468.9	3781049	1.72E-07	1.333333Y|	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572 ALL	401488.9	3781049	1.75E-07	1.333333Y|	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573 ALL	401508.9	3781049	1.79E-07	1.333333Y|	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574 ALL	401528.9	3781049	1.83E-07	1.333333Y|	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575 ALL	401548.9	3781049	1.86E-07	1.333333Y|	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576 ALL	401568.9	3781049	1.89E-07	1.333333Y|	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577 ALL	401588.9	3781049	1.93E-07	1.333333Y|	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578 ALL	401608.9	3781049	1.97E-07	1.333333Y|	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579 ALL	401628.9	3781049	2.01E-07	1.333333Y|	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580 ALL	401648.9	3781049	2.04E-07	1.333333Y|	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581 ALL	401668.9	3781049	2.07E-07	1.333333Y|	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582 ALL	401688.9	3781049	2.10E-07	1.333333Y|	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583 ALL	401708.9	3781049	2.12E-07	1.333333Y|	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584 ALL	401728.9	3781049	2.15E-07	1.333333Y|	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585 ALL	401748.9	3781049	2.17E-07	1.333333Y|	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586 ALL	401768.9	3781049	2.19E-07	1.333333Y|	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587 ALL	401788.9	3781049	2.21E-07	1.333333Y|	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588 ALL	401808.9	3781049	2.22E-07	1.333333Y|	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589 ALL	401828.9	3781049	2.24E-07	1.333333Y|	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590 ALL	401848.9	3781049	2.26E-07	1.333333Y|	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591 ALL	401868.9	3781049	2.26E-07	1.333333Y|	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592 ALL	401888.9	3781049	2.27E-07	1.333333Y|	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593 ALL	401908.9	3781049	2.28E-07	1.333333Y|	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594 ALL	401928.9	3781049	2.28E-07	1.333333Y|	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595 ALL	401948.9	3781049	2.28E-07	1.333333Y|	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596 ALL	401968.9	3781049	2.27E-07	1.333333Y|	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597 ALL	401988.9	3781049	2.27E-07	1.333333Y|	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598 ALL	402008.9	3781049	2.26E-07	1.333333Y|	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599 ALL	402028.9	3781049	2.24E-07	1.333333Y|	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600 ALL	402048.9	3781049	2.23E-07	1.333333Y|	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601 ALL	402068.9	3781049	2.22E-07	1.333333Y|	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602 ALL	402088.9	3781049	2.20E-07	1.333333Y|	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603 ALL	402108.9	3781049	2.18E-07	1.333333Y|	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604 ALL	402128.9	3781049	2.16E-07	1.333333Y|	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605 ALL	402148.9	3781049	2.14E-07	1.333333Y|	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606 ALL	402168.9	3781049	2.12E-07	1.333333Y|	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607 ALL	402188.9	3781049	2.09E-07	1.333333Y|	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608 ALL	402208.9	3781049	2.07E-07	1.333333Y|	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609 ALL	402228.9	3781049	2.05E-07	1.333333Y|	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610 ALL	402248.9	3781049	2.02E-07	1.333333Y|	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611 ALL	402268.9	3781049	2.00E-07	1.333333Y|	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612 ALL	402288.9	3781049	1.97E-07	1.333333Y|	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613 ALL	402308.9	3781049	1.94E-07	1.333333Y|	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614 ALL	402328.9	3781049	1.92E-07	1.333333Y|	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615 ALL	402348.9	3781049	1.89E-07	1.333333Y|	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616 ALL	402368.9	3781049	1.87E-07	1.333333Y|	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617 ALL	402388.9	3781049	1.84E-07	1.333333Y|	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618 ALL	402408.9	3781049	1.81E-07	1.333333Y|	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619 ALL	402428.9	3781049	1.79E-07	1.333333Y|	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620 ALL	402448.9	3781049	1.77E-07	1.333333Y|	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621 ALL	402468.9	3781049	1.74E-07	1.333333Y|	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622 ALL	402488.9	3781049	1.72E-07	1.333333Y|	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623 ALL	402508.9	3781049	1.70E-07	1.333333Y|	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624 ALL	401308.9	3781069	1.48E-07	1.333333Y|	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625 ALL	401328.9	3781069	1.51E-07	1.333333Y|	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626 ALL	401348.9	3781069	1.55E-07	1.333333Y|	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627 ALL	401368.9	3781069	1.59E-07	1.333333Y|	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628 ALL	401388.9	3781069	1.63E-07	1.333333Y|	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629 ALL	401408.9	3781069	1.67E-07	1.333333Y|	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630 ALL	401428.9	3781069	1.71E-07	1.333333Y|	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631 ALL	401448.9	3781069	1.74E-07	1.333333Y|	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632 ALL	401468.9	3781069	1.78E-07	1.333333Y|	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633 ALL	401488.9	3781069	1.82E-07	1.333333Y|	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634 ALL	401508.9	3781069	1.86E-07	1.333333Y|	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635 ALL	401528.9	3781069	1.90E-07	1.333333Y|	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636 ALL	401548.9	3781069	1.93E-07	1.333333Y|	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

637	ALL	401568.9	3781069	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	401588.9	3781069	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	401608.9	3781069	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	401628.9	3781069	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	401648.9	3781069	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	401668.9	3781069	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	401688.9	3781069	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	401708.9	3781069	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	401728.9	3781069	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	401748.9	3781069	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	401768.9	3781069	2.29E-07	1.333333Y	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	401788.9	3781069	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	401808.9	3781069	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	401828.9	3781069	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	401848.9	3781069	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	401868.9	3781069	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	401888.9	3781069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	401908.9	3781069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	401928.9	3781069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	401948.9	3781069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	401968.9	3781069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	401988.9	3781069	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	402008.9	3781069	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	402028.9	3781069	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	402048.9	3781069	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	402068.9	3781069	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	402088.9	3781069	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	402108.9	3781069	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	402128.9	3781069	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	402148.9	3781069	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	402168.9	3781069	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	402188.9	3781069	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	402208.9	3781069	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	402228.9	3781069	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	402248.9	3781069	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	402268.9	3781069	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	402288.9	3781069	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	402308.9	3781069	2.02E-07	1.333333Y	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	402328.9	3781069	1.99E-07	1.333333Y	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	402348.9	3781069	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	402368.9	3781069	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	402388.9	3781069	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	402408.9	3781069	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	402428.9	3781069	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	402448.9	3781069	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	402468.9	3781069	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	402488.9	3781069	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	402508.9	3781069	1.75E-07	1.333333Y	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	401308.9	3781089	1.53E-07	1.333333Y	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	401328.9	3781089	1.56E-07	1.333333Y	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	401348.9	3781089	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	401368.9	3781089	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	401388.9	3781089	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	401408.9	3781089	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	401428.9	3781089	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	401448.9	3781089	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	401468.9	3781089	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	401488.9	3781089	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	401508.9	3781089	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	401528.9	3781089	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	401548.9	3781089	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	401568.9	3781089	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	401588.9	3781089	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	401608.9	3781089	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	401628.9	3781089	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	401648.9	3781089	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	401668.9	3781089	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	401688.9	3781089	2.30E-07	1.333333Y	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	401708.9	3781089	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	401728.9	3781089	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	401748.9	3781089	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	401768.9	3781089	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	401788.9	3781089	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	401808.9	3781089	2.45E-07	1.333333Y	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	401828.9	3781089	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	401848.9	3781089	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	401868.9	3781089	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	401888.9	3781089	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	401908.9	3781089	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	401928.9	3781089	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	401948.9	3781089	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	401968.9	3781089	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL	401988.9	3781089	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	402008.9	3781089	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	402028.9	3781089	2.47E-07	1.333333Y	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	402048.9	3781089	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	402068.9	3781089	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	402088.9	3781089	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	402108.9	3781089	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	402128.9	3781089	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	402148.9	3781089	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

728 ALL	402168.9	3781089	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729 ALL	402188.9	3781089	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730 ALL	402208.9	3781089	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731 ALL	402228.9	3781089	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732 ALL	402248.9	3781089	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733 ALL	402268.9	3781089	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734 ALL	402288.9	3781089	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735 ALL	402308.9	3781089	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736 ALL	402328.9	3781089	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737 ALL	402348.9	3781089	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738 ALL	402368.9	3781089	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739 ALL	402388.9	3781089	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740 ALL	402408.9	3781089	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741 ALL	402428.9	3781089	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742 ALL	402448.9	3781089	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743 ALL	402468.9	3781089	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744 ALL	402488.9	3781089	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745 ALL	402508.9	3781089	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746 ALL	401308.9	3781109	1.57E-07	1.333333Y	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747 ALL	401328.9	3781109	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748 ALL	401348.9	3781109	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749 ALL	401368.9	3781109	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750 ALL	401388.9	3781109	1.74E-07	1.333333Y	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751 ALL	401408.9	3781109	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752 ALL	401428.9	3781109	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753 ALL	401448.9	3781109	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754 ALL	401468.9	3781109	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755 ALL	401488.9	3781109	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756 ALL	401508.9	3781109	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757 ALL	401528.9	3781109	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758 ALL	401548.9	3781109	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759 ALL	401568.9	3781109	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760 ALL	401588.9	3781109	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761 ALL	401608.9	3781109	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762 ALL	401628.9	3781109	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763 ALL	401648.9	3781109	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764 ALL	401668.9	3781109	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765 ALL	401688.9	3781109	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766 ALL	401708.9	3781109	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767 ALL	401728.9	3781109	2.47E-07	1.333333Y	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768 ALL	401748.9	3781109	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769 ALL	401768.9	3781109	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770 ALL	401788.9	3781109	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771 ALL	401808.9	3781109	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772 ALL	401828.9	3781109	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773 ALL	401848.9	3781109	2.63E-07	1.333333Y	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774 ALL	401868.9	3781109	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775 ALL	401888.9	3781109	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776 ALL	401908.9	3781109	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777 ALL	401928.9	3781109	2.66E-07	1.333333Y	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778 ALL	401948.9	3781109	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779 ALL	401968.9	3781109	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780 ALL	401988.9	3781109	2.63E-07	1.333333Y	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781 ALL	402008.9	3781109	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782 ALL	402028.9	3781109	2.60E-07	1.333333Y	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783 ALL	402048.9	3781109	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784 ALL	402068.9	3781109	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785 ALL	402088.9	3781109	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786 ALL	402108.9	3781109	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787 ALL	402128.9	3781109	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788 ALL	402148.9	3781109	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789 ALL	402168.9	3781109	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790 ALL	402188.9	3781109	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791 ALL	402208.9	3781109	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792 ALL	402228.9	3781109	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793 ALL	402248.9	3781109	2.29E-07	1.333333Y	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794 ALL	402268.9	3781109	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795 ALL	402288.9	3781109	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796 ALL	402308.9	3781109	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797 ALL	402328.9	3781109	2.15E-07	1.333333Y	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798 ALL	402348.9	3781109	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799 ALL	402368.9	3781109	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800 ALL	402388.9	3781109	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801 ALL	402408.9	3781109	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802 ALL	402428.9	3781109	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803 ALL	402448.9	3781109	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804 ALL	402468.9	3781109	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805 ALL	402488.9	3781109	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806 ALL	402508.9	3781109	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807 ALL	401308.9	3781129	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808 ALL	401328.9	3781129	1.66E-07	1.333333Y	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809 ALL	401348.9	3781129	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810 ALL	401368.9	3781129	1.75E-07	1.333333Y	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811 ALL	401388.9	3781129	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812 ALL	401408.9	3781129	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813 ALL	401428.9	3781129	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814 ALL	401448.9	3781129	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815 ALL	401468.9	3781129	1.99E-07	1.333333Y	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816 ALL	401488.9	3781129	2.04E-07	1.333333Y	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817 ALL	401508.9	3781129	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818 ALL	401528.9	3781129	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

819 ALL	401548.9	3781129	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820 ALL	401568.9	3781129	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821 ALL	401588.9	3781129	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822 ALL	401608.9	3781129	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823 ALL	401628.9	3781129	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824 ALL	401648.9	3781129	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825 ALL	401668.9	3781129	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826 ALL	401688.9	3781129	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827 ALL	401708.9	3781129	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828 ALL	401728.9	3781129	2.60E-07	1.333333Y	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829 ALL	401748.9	3781129	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830 ALL	401768.9	3781129	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831 ALL	401788.9	3781129	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832 ALL	401808.9	3781129	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833 ALL	401828.9	3781129	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834 ALL	401848.9	3781129	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835 ALL	401868.9	3781129	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836 ALL	401888.9	3781129	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837 ALL	401908.9	3781129	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838 ALL	401928.9	3781129	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839 ALL	401948.9	3781129	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840 ALL	401968.9	3781129	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841 ALL	401988.9	3781129	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842 ALL	402008.9	3781129	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843 ALL	402028.9	3781129	2.74E-07	1.333333Y	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844 ALL	402048.9	3781129	2.72E-07	1.333333Y	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845 ALL	402068.9	3781129	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846 ALL	402088.9	3781129	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847 ALL	402108.9	3781129	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848 ALL	402128.9	3781129	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849 ALL	402148.9	3781129	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850 ALL	402168.9	3781129	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851 ALL	402188.9	3781129	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852 ALL	402208.9	3781129	2.47E-07	1.333333Y	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853 ALL	402228.9	3781129	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854 ALL	402248.9	3781129	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855 ALL	402268.9	3781129	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856 ALL	402288.9	3781129	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857 ALL	402308.9	3781129	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858 ALL	402328.9	3781129	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859 ALL	402348.9	3781129	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860 ALL	402368.9	3781129	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861 ALL	402388.9	3781129	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862 ALL	402408.9	3781129	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863 ALL	402428.9	3781129	2.04E-07	1.333333Y	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864 ALL	402448.9	3781129	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865 ALL	402468.9	3781129	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866 ALL	402488.9	3781129	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867 ALL	402508.9	3781129	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868 ALL	401308.9	3781149	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869 ALL	401328.9	3781149	1.71E-07	1.333333Y	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870 ALL	401348.9	3781149	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871 ALL	401368.9	3781149	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872 ALL	401388.9	3781149	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873 ALL	401408.9	3781149	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874 ALL	401428.9	3781149	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875 ALL	401448.9	3781149	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876 ALL	401468.9	3781149	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877 ALL	401488.9	3781149	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878 ALL	401508.9	3781149	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879 ALL	401528.9	3781149	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880 ALL	401548.9	3781149	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881 ALL	401568.9	3781149	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882 ALL	401588.9	3781149	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883 ALL	401608.9	3781149	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884 ALL	401628.9	3781149	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885 ALL	401648.9	3781149	2.55E-07	1.333333Y	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886 ALL	401668.9	3781149	2.60E-07	1.333333Y	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887 ALL	401688.9	3781149	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888 ALL	401708.9	3781149	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889 ALL	401728.9	3781149	2.74E-07	1.333333Y	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890 ALL	401748.9	3781149	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891 ALL	401768.9	3781149	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892 ALL	401788.9	3781149	2.85E-07	1.333333Y	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893 ALL	401808.9	3781149	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894 ALL	401828.9	3781149	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895 ALL	401848.9	3781149	2.93E-07	1.333333Y	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896 ALL	401868.9	3781149	2.95E-07	1.333333Y	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897 ALL	401888.9	3781149	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898 ALL	401908.9	3781149	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899 ALL	401928.9	3781149	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900 ALL	401948.9	3781149	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901 ALL	401968.9	3781149	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902 ALL	401988.9	3781149	2.93E-07	1.333333Y	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903 ALL	402008.9	3781149	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904 ALL	402028.9	3781149	2.90E-07	1.333333Y	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905 ALL	402048.9	3781149	2.87E-07	1.333333Y	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906 ALL	402068.9	3781149	2.85E-07	1.333333Y	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907 ALL	402088.9	3781149	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908 ALL	402108.9	3781149	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909 ALL	402128.9	3781149	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

910 ALL	402148.9	3781149	2.71E-07	1.333333Yi	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911 ALL	402168.9	3781149	2.67E-07	1.333333Yi	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912 ALL	402188.9	3781149	2.63E-07	1.333333Yi	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913 ALL	402208.9	3781149	2.59E-07	1.333333Yi	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914 ALL	402228.9	3781149	2.54E-07	1.333333Yi	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915 ALL	402248.9	3781149	2.50E-07	1.333333Yi	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916 ALL	402268.9	3781149	2.46E-07	1.333333Yi	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917 ALL	402288.9	3781149	2.41E-07	1.333333Yi	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918 ALL	402308.9	3781149	2.37E-07	1.333333Yi	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919 ALL	402328.9	3781149	2.32E-07	1.333333Yi	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920 ALL	402348.9	3781149	2.28E-07	1.333333Yi	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921 ALL	402368.9	3781149	2.24E-07	1.333333Yi	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922 ALL	402388.9	3781149	2.19E-07	1.333333Yi	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923 ALL	402408.9	3781149	2.15E-07	1.333333Yi	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924 ALL	402428.9	3781149	2.11E-07	1.333333Yi	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925 ALL	402448.9	3781149	2.07E-07	1.333333Yi	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926 ALL	402468.9	3781149	2.04E-07	1.333333Yi	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927 ALL	402488.9	3781149	2.00E-07	1.333333Yi	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928 ALL	402508.9	3781149	1.96E-07	1.333333Yi	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929 ALL	401308.9	3781169	1.71E-07	1.333333Yi	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930 ALL	401328.9	3781169	1.76E-07	1.333333Yi	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931 ALL	401348.9	3781169	1.82E-07	1.333333Yi	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932 ALL	401368.9	3781169	1.86E-07	1.333333Yi	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933 ALL	401388.9	3781169	1.92E-07	1.333333Yi	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934 ALL	401408.9	3781169	1.98E-07	1.333333Yi	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935 ALL	401428.9	3781169	2.03E-07	1.333333Yi	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936 ALL	401448.9	3781169	2.08E-07	1.333333Yi	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937 ALL	401468.9	3781169	2.14E-07	1.333333Yi	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938 ALL	401488.9	3781169	2.21E-07	1.333333Yi	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939 ALL	401508.9	3781169	2.26E-07	1.333333Yi	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940 ALL	401528.9	3781169	2.32E-07	1.333333Yi	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941 ALL	401548.9	3781169	2.37E-07	1.333333Yi	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942 ALL	401568.9	3781169	2.44E-07	1.333333Yi	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943 ALL	401588.9	3781169	2.50E-07	1.333333Yi	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944 ALL	401608.9	3781169	2.57E-07	1.333333Yi	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945 ALL	401628.9	3781169	2.62E-07	1.333333Yi	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946 ALL	401648.9	3781169	2.69E-07	1.333333Yi	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947 ALL	401668.9	3781169	2.74E-07	1.333333Yi	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948 ALL	401688.9	3781169	2.79E-07	1.333333Yi	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949 ALL	401708.9	3781169	2.84E-07	1.333333Yi	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950 ALL	401728.9	3781169	2.89E-07	1.333333Yi	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951 ALL	401748.9	3781169	2.94E-07	1.333333Yi	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952 ALL	401768.9	3781169	2.98E-07	1.333333Yi	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953 ALL	401788.9	3781169	3.02E-07	1.333333Yi	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954 ALL	401808.9	3781169	3.06E-07	1.333333Yi	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955 ALL	401828.9	3781169	3.09E-07	1.333333Yi	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956 ALL	401848.9	3781169	3.12E-07	1.333333Yi	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957 ALL	401868.9	3781169	3.12E-07	1.333333Yi	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958 ALL	401888.9	3781169	3.14E-07	1.333333Yi	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959 ALL	401908.9	3781169	3.15E-07	1.333333Yi	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960 ALL	401928.9	3781169	3.15E-07	1.333333Yi	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961 ALL	401948.9	3781169	3.14E-07	1.333333Yi	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962 ALL	401968.9	3781169	3.13E-07	1.333333Yi	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963 ALL	401988.9	3781169	3.11E-07	1.333333Yi	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964 ALL	402008.9	3781169	3.09E-07	1.333333Yi	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965 ALL	402028.9	3781169	3.07E-07	1.333333Yi	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966 ALL	402048.9	3781169	3.04E-07	1.333333Yi	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967 ALL	402068.9	3781169	3.01E-07	1.333333Yi	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968 ALL	402088.9	3781169	2.98E-07	1.333333Yi	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969 ALL	402108.9	3781169	2.94E-07	1.333333Yi	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970 ALL	402128.9	3781169	2.90E-07	1.333333Yi	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971 ALL	402148.9	3781169	2.85E-07	1.333333Yi	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972 ALL	402168.9	3781169	2.81E-07	1.333333Yi	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973 ALL	402188.9	3781169	2.76E-07	1.333333Yi	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974 ALL	402208.9	3781169	2.72E-07	1.333333Yi	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975 ALL	402228.9	3781169	2.67E-07	1.333333Yi	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976 ALL	402248.9	3781169	2.62E-07	1.333333Yi	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977 ALL	402268.9	3781169	2.57E-07	1.333333Yi	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978 ALL	402288.9	3781169	2.52E-07	1.333333Yi	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979 ALL	402308.9	3781169	2.47E-07	1.333333Yi	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980 ALL	402328.9	3781169	2.43E-07	1.333333Yi	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981 ALL	402348.9	3781169	2.38E-07	1.333333Yi	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982 ALL	402368.9	3781169	2.33E-07	1.333333Yi	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983 ALL	402388.9	3781169	2.28E-07	1.333333Yi	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984 ALL	402408.9	3781169	2.24E-07	1.333333Yi	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985 ALL	402428.9	3781169	2.19E-07	1.333333Yi	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986 ALL	402448.9	3781169	2.15E-07	1.333333Yi	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987 ALL	402468.9	3781169	2.11E-07	1.333333Yi	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988 ALL	402488.9	3781169	2.06E-07	1.333333Yi	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989 ALL	402508.9	3781169	2.03E-07	1.333333Yi	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990 ALL	401308.9	3781189	1.77E-07	1.333333Yi	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991 ALL	401328.9	3781189	1.82E-07	1.333333Yi	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992 ALL	401348.9	3781189	1.87E-07	1.333333Yi	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993 ALL	401368.9	3781189	1.92E-07	1.333333Yi	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994 ALL	401388.9	3781189	1.98E-07	1.333333Yi	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995 ALL	401408.9	3781189	2.05E-07	1.333333Yi	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996 ALL	401428.9	3781189	2.11E-07	1.333333Yi	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997 ALL	401448.9	3781189	2.17E-07	1.333333Yi	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998 ALL	401468.9	3781189	2.23E-07	1.333333Yi	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999 ALL	401488.9	3781189	2.30E-07	1.333333Yi	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000 ALL	401508.9	3781189	2.36E-07	1.333333Yi	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1001 ALL	401528.9	3781189	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002 ALL	401548.9	3781189	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003 ALL	401568.9	3781189	2.55E-07	1.333333Y	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004 ALL	401588.9	3781189	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005 ALL	401608.9	3781189	2.69E-07	1.333333Y	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006 ALL	401628.9	3781189	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007 ALL	401648.9	3781189	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008 ALL	401668.9	3781189	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009 ALL	401688.9	3781189	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010 ALL	401708.9	3781189	3.00E-07	1.333333Y	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011 ALL	401728.9	3781189	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012 ALL	401748.9	3781189	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013 ALL	401768.9	3781189	3.16E-07	1.333333Y	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014 ALL	401788.9	3781189	3.20E-07	1.333333Y	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015 ALL	401808.9	3781189	3.24E-07	1.333333Y	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016 ALL	401828.9	3781189	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017 ALL	401848.9	3781189	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018 ALL	401868.9	3781189	3.32E-07	1.333333Y	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019 ALL	401888.9	3781189	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020 ALL	401908.9	3781189	3.35E-07	1.333333Y	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021 ALL	401928.9	3781189	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022 ALL	401948.9	3781189	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023 ALL	401968.9	3781189	3.32E-07	1.333333Y	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024 ALL	401988.9	3781189	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025 ALL	402008.9	3781189	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026 ALL	402028.9	3781189	3.25E-07	1.333333Y	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027 ALL	402048.9	3781189	3.23E-07	1.333333Y	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028 ALL	402068.9	3781189	3.20E-07	1.333333Y	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029 ALL	402088.9	3781189	3.16E-07	1.333333Y	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030 ALL	402108.9	3781189	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031 ALL	402128.9	3781189	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032 ALL	402148.9	3781189	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033 ALL	402168.9	3781189	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034 ALL	402188.9	3781189	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035 ALL	402208.9	3781189	2.86E-07	1.333333Y	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036 ALL	402228.9	3781189	2.81E-07	1.333333Y	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037 ALL	402248.9	3781189	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038 ALL	402268.9	3781189	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039 ALL	402288.9	3781189	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040 ALL	402308.9	3781189	2.58E-07	1.333333Y	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041 ALL	402328.9	3781189	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042 ALL	402348.9	3781189	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043 ALL	402368.9	3781189	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044 ALL	402388.9	3781189	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045 ALL	402408.9	3781189	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046 ALL	402428.9	3781189	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047 ALL	402448.9	3781189	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048 ALL	402468.9	3781189	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049 ALL	402488.9	3781189	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050 ALL	402508.9	3781189	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051 ALL	401308.9	3781209	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052 ALL	401328.9	3781209	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053 ALL	401348.9	3781209	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054 ALL	401368.9	3781209	1.99E-07	1.333333Y	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055 ALL	401388.9	3781209	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056 ALL	401408.9	3781209	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057 ALL	401428.9	3781209	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058 ALL	401448.9	3781209	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059 ALL	401468.9	3781209	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060 ALL	401488.9	3781209	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061 ALL	401508.9	3781209	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062 ALL	401528.9	3781209	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063 ALL	401548.9	3781209	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064 ALL	401568.9	3781209	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065 ALL	401588.9	3781209	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066 ALL	401608.9	3781209	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067 ALL	401628.9	3781209	2.90E-07	1.333333Y	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068 ALL	401648.9	3781209	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069 ALL	401668.9	3781209	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070 ALL	401688.9	3781209	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071 ALL	401708.9	3781209	3.17E-07	1.333333Y	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072 ALL	401728.9	3781209	3.23E-07	1.333333Y	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073 ALL	401748.9	3781209	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074 ALL	401768.9	3781209	3.35E-07	1.333333Y	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075 ALL	401788.9	3781209	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076 ALL	401808.9	3781209	3.45E-07	1.333333Y	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077 ALL	401828.9	3781209	3.48E-07	1.333333Y	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078 ALL	401848.9	3781209	3.52E-07	1.333333Y	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079 ALL	401868.9	3781209	3.53E-07	1.333333Y	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080 ALL	401888.9	3781209	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081 ALL	401908.9	3781209	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082 ALL	401928.9	3781209	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083 ALL	401948.9	3781209	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084 ALL	401968.9	3781209	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085 ALL	401988.9	3781209	3.51E-07	1.333333Y	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086 ALL	402008.9	3781209	3.48E-07	1.333333Y	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087 ALL	402028.9	3781209	3.46E-07	1.333333Y	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088 ALL	402048.9	3781209	3.44E-07	1.333333Y	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089 ALL	402068.9	3781209	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090 ALL	402088.9	3781209	3.35E-07	1.333333Y	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091 ALL	402108.9	3781209	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1092	ALL	402128.9	3781209	3.24E-07	1.333333Y	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	402148.9	3781209	3.18E-07	1.333333Y	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	402168.9	3781209	3.13E-07	1.333333Y	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	402188.9	3781209	3.07E-07	1.333333Y	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	402208.9	3781209	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	402228.9	3781209	2.95E-07	1.333333Y	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	402248.9	3781209	2.89E-07	1.333333Y	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	402268.9	3781209	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	402288.9	3781209	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	402308.9	3781209	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	402328.9	3781209	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL	402348.9	3781209	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	402368.9	3781209	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	402388.9	3781209	2.47E-07	1.333333Y	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	402408.9	3781209	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	402428.9	3781209	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	402448.9	3781209	2.30E-07	1.333333Y	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	402468.9	3781209	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	402488.9	3781209	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL	402508.9	3781209	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	401308.9	3781229	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	401328.9	3781229	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	401348.9	3781229	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	401368.9	3781229	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL	401388.9	3781229	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	401408.9	3781229	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	401428.9	3781229	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	401448.9	3781229	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	401468.9	3781229	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	401488.9	3781229	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	401508.9	3781229	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	401528.9	3781229	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	401548.9	3781229	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	401568.9	3781229	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	401588.9	3781229	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	401608.9	3781229	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	401628.9	3781229	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	401648.9	3781229	3.13E-07	1.333333Y	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	401668.9	3781229	3.21E-07	1.333333Y	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	401688.9	3781229	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL	401708.9	3781229	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	401728.9	3781229	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	401748.9	3781229	3.50E-07	1.333333Y	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	401768.9	3781229	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	401788.9	3781229	3.62E-07	1.333333Y	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	401808.9	3781229	3.67E-07	1.333333Y	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	401828.9	3781229	3.72E-07	1.333333Y	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	401848.9	3781229	3.75E-07	1.333333Y	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	401868.9	3781229	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	401888.9	3781229	3.79E-07	1.333333Y	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	401908.9	3781229	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	401928.9	3781229	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	401948.9	3781229	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	401968.9	3781229	3.78E-07	1.333333Y	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	401988.9	3781229	3.74E-07	1.333333Y	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	402008.9	3781229	3.71E-07	1.333333Y	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	402028.9	3781229	3.69E-07	1.333333Y	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	402048.9	3781229	3.66E-07	1.333333Y	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	402068.9	3781229	3.62E-07	1.333333Y	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL	402088.9	3781229	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	402108.9	3781229	3.51E-07	1.333333Y	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	402128.9	3781229	3.44E-07	1.333333Y	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	402148.9	3781229	3.38E-07	1.333333Y	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	402168.9	3781229	3.32E-07	1.333333Y	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	402188.9	3781229	3.25E-07	1.333333Y	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	402208.9	3781229	3.18E-07	1.333333Y	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	402228.9	3781229	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	402248.9	3781229	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	402268.9	3781229	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	402288.9	3781229	2.90E-07	1.333333Y	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	402308.9	3781229	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	402328.9	3781229	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	402348.9	3781229	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	402368.9	3781229	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	402388.9	3781229	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	402408.9	3781229	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	402428.9	3781229	2.45E-07	1.333333Y	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	402448.9	3781229	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	402468.9	3781229	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	402488.9	3781229	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	402508.9	3781229	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	401308.9	3781249	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	401328.9	3781249	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL	401348.9	3781249	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	401368.9	3781249	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	401388.9	3781249	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	401408.9	3781249	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	401428.9	3781249	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	401448.9	3781249	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	401468.9	3781249	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	401488.9	3781249	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1183	ALL	401508.9	3781249	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	401528.9	3781249	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	401548.9	3781249	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	401568.9	3781249	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL	401588.9	3781249	3.03E-07	1.333333Y	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	401608.9	3781249	3.13E-07	1.333333Y	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	401628.9	3781249	3.22E-07	1.333333Y	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	401648.9	3781249	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	401668.9	3781249	3.39E-07	1.333333Y	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	401688.9	3781249	3.48E-07	1.333333Y	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	401708.9	3781249	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	401728.9	3781249	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	401748.9	3781249	3.73E-07	1.333333Y	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	401768.9	3781249	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	401788.9	3781249	3.87E-07	1.333333Y	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	401808.9	3781249	3.93E-07	1.333333Y	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	401828.9	3781249	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	401848.9	3781249	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	401868.9	3781249	4.04E-07	1.333333Y	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	401888.9	3781249	4.07E-07	1.333333Y	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	401908.9	3781249	4.08E-07	1.333333Y	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	401928.9	3781249	4.09E-07	1.333333Y	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	401948.9	3781249	4.07E-07	1.333333Y	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	401968.9	3781249	4.04E-07	1.333333Y	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	401988.9	3781249	4.01E-07	1.333333Y	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	402008.9	3781249	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	402028.9	3781249	3.95E-07	1.333333Y	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	402048.9	3781249	3.91E-07	1.333333Y	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	402068.9	3781249	3.86E-07	1.333333Y	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL	402088.9	3781249	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	402108.9	3781249	3.74E-07	1.333333Y	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL	402128.9	3781249	3.67E-07	1.333333Y	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL	402148.9	3781249	3.59E-07	1.333333Y	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL	402168.9	3781249	3.52E-07	1.333333Y	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL	402188.9	3781249	3.44E-07	1.333333Y	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL	402208.9	3781249	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL	402228.9	3781249	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL	402248.9	3781249	3.20E-07	1.333333Y	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL	402268.9	3781249	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL	402288.9	3781249	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL	402308.9	3781249	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL	402328.9	3781249	2.90E-07	1.333333Y	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL	402348.9	3781249	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL	402368.9	3781249	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL	402388.9	3781249	2.69E-07	1.333333Y	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL	402408.9	3781249	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL	402428.9	3781249	2.55E-07	1.333333Y	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL	402448.9	3781249	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL	402468.9	3781249	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL	402488.9	3781249	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL	402508.9	3781249	2.30E-07	1.333333Y	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL	401308.9	3781269	1.99E-07	1.333333Y	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL	401328.9	3781269	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL	401348.9	3781269	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL	401368.9	3781269	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL	401388.9	3781269	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL	401408.9	3781269	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL	401428.9	3781269	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL	401448.9	3781269	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL	401468.9	3781269	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL	401488.9	3781269	2.69E-07	1.333333Y	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL	401508.9	3781269	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL	401528.9	3781269	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL	401548.9	3781269	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL	401568.9	3781269	3.08E-07	1.333333Y	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL	401588.9	3781269	3.18E-07	1.333333Y	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL	401608.9	3781269	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL	401628.9	3781269	3.39E-07	1.333333Y	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL	401648.9	3781269	3.49E-07	1.333333Y	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL	401668.9	3781269	3.59E-07	1.333333Y	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL	401688.9	3781269	3.69E-07	1.333333Y	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL	401708.9	3781269	3.79E-07	1.333333Y	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL	401728.9	3781269	3.88E-07	1.333333Y	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL	401748.9	3781269	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL	401768.9	3781269	4.06E-07	1.333333Y	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL	401788.9	3781269	4.14E-07	1.333333Y	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL	401808.9	3781269	4.21E-07	1.333333Y	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL	401828.9	3781269	4.26E-07	1.333333Y	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	ALL	401848.9	3781269	4.31E-07	1.333333Y	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL	401868.9	3781269	4.34E-07	1.333333Y	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL	401888.9	3781269	4.37E-07	1.333333Y	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL	401908.9	3781269	4.39E-07	1.333333Y	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL	401928.9	3781269	4.39E-07	1.333333Y	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL	401948.9	3781269	4.36E-07	1.333333Y	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL	401968.9	3781269	4.34E-07	1.333333Y	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL	401988.9	3781269	4.32E-07	1.333333Y	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL	402008.9	3781269	4.27E-07	1.333333Y	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL	402028.9	3781269	4.24E-07	1.333333Y	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL	402048.9	3781269	4.20E-07	1.333333Y	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL	402068.9	3781269	4.14E-07	1.333333Y	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL	402088.9	3781269	4.07E-07	1.333333Y	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1274 ALL	402108.9	3781269	3.99E-07	1.333333Y|	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275 ALL	402128.9	3781269	3.91E-07	1.333333Y|	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276 ALL	402148.9	3781269	3.83E-07	1.333333Y|	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277 ALL	402168.9	3781269	3.74E-07	1.333333Y|	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278 ALL	402188.9	3781269	3.65E-07	1.333333Y|	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279 ALL	402208.9	3781269	3.56E-07	1.333333Y|	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280 ALL	402228.9	3781269	3.47E-07	1.333333Y|	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281 ALL	402248.9	3781269	3.38E-07	1.333333Y|	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282 ALL	402268.9	3781269	3.29E-07	1.333333Y|	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283 ALL	402288.9	3781269	3.20E-07	1.333333Y|	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284 ALL	402308.9	3781269	3.12E-07	1.333333Y|	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285 ALL	402328.9	3781269	3.04E-07	1.333333Y|	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286 ALL	402348.9	3781269	2.96E-07	1.333333Y|	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287 ALL	402368.9	3781269	2.88E-07	1.333333Y|	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288 ALL	402388.9	3781269	2.80E-07	1.333333Y|	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289 ALL	402408.9	3781269	2.72E-07	1.333333Y|	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290 ALL	402428.9	3781269	2.65E-07	1.333333Y|	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291 ALL	402448.9	3781269	2.58E-07	1.333333Y|	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292 ALL	402468.9	3781269	2.51E-07	1.333333Y|	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293 ALL	402488.9	3781269	2.44E-07	1.333333Y|	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294 ALL	402508.9	3781269	2.39E-07	1.333333Y|	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295 ALL	401308.9	3781289	2.05E-07	1.333333Y|	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296 ALL	401328.9	3781289	2.12E-07	1.333333Y|	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297 ALL	401348.9	3781289	2.19E-07	1.333333Y|	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298 ALL	401368.9	3781289	2.27E-07	1.333333Y|	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299 ALL	401388.9	3781289	2.35E-07	1.333333Y|	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300 ALL	401408.9	3781289	2.44E-07	1.333333Y|	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301 ALL	401428.9	3781289	2.53E-07	1.333333Y|	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302 ALL	401448.9	3781289	2.62E-07	1.333333Y|	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303 ALL	401468.9	3781289	2.71E-07	1.333333Y|	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304 ALL	401488.9	3781289	2.81E-07	1.333333Y|	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305 ALL	401508.9	3781289	2.91E-07	1.333333Y|	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306 ALL	401528.9	3781289	3.02E-07	1.333333Y|	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307 ALL	401548.9	3781289	3.12E-07	1.333333Y|	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308 ALL	401568.9	3781289	3.24E-07	1.333333Y|	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309 ALL	401588.9	3781289	3.35E-07	1.333333Y|	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310 ALL	401608.9	3781289	3.47E-07	1.333333Y|	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311 ALL	401628.9	3781289	3.58E-07	1.333333Y|	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312 ALL	401648.9	3781289	3.69E-07	1.333333Y|	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313 ALL	401668.9	3781289	3.81E-07	1.333333Y|	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314 ALL	401688.9	3781289	3.93E-07	1.333333Y|	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315 ALL	401708.9	3781289	4.05E-07	1.333333Y|	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316 ALL	401728.9	3781289	4.15E-07	1.333333Y|	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317 ALL	401748.9	3781289	4.25E-07	1.333333Y|	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318 ALL	401768.9	3781289	4.35E-07	1.333333Y|	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319 ALL	401788.9	3781289	4.44E-07	1.333333Y|	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320 ALL	401808.9	3781289	4.52E-07	1.333333Y|	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321 ALL	401828.9	3781289	4.59E-07	1.333333Y|	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322 ALL	401848.9	3781289	4.65E-07	1.333333Y|	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323 ALL	401868.9	3781289	4.68E-07	1.333333Y|	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324 ALL	401888.9	3781289	4.72E-07	1.333333Y|	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325 ALL	401908.9	3781289	4.74E-07	1.333333Y|	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326 ALL	401928.9	3781289	4.73E-07	1.333333Y|	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327 ALL	401948.9	3781289	4.72E-07	1.333333Y|	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328 ALL	401968.9	3781289	4.69E-07	1.333333Y|	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329 ALL	401988.9	3781289	4.65E-07	1.333333Y|	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330 ALL	402008.9	3781289	4.59E-07	1.333333Y|	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331 ALL	402028.9	3781289	4.54E-07	1.333333Y|	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332 ALL	402048.9	3781289	4.50E-07	1.333333Y|	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333 ALL	402068.9	3781289	4.45E-07	1.333333Y|	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334 ALL	402088.9	3781289	4.37E-07	1.333333Y|	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335 ALL	402108.9	3781289	4.28E-07	1.333333Y|	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336 ALL	402128.9	3781289	4.18E-07	1.333333Y|	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337 ALL	402148.9	3781289	4.08E-07	1.333333Y|	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338 ALL	402168.9	3781289	3.98E-07	1.333333Y|	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339 ALL	402188.9	3781289	3.88E-07	1.333333Y|	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340 ALL	402208.9	3781289	3.78E-07	1.333333Y|	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341 ALL	402228.9	3781289	3.68E-07	1.333333Y|	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342 ALL	402248.9	3781289	3.58E-07	1.333333Y|	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343 ALL	402268.9	3781289	3.47E-07	1.333333Y|	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344 ALL	402288.9	3781289	3.37E-07	1.333333Y|	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345 ALL	402308.9	3781289	3.28E-07	1.333333Y|	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346 ALL	402328.9	3781289	3.19E-07	1.333333Y|	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347 ALL	402348.9	3781289	3.10E-07	1.333333Y|	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348 ALL	402368.9	3781289	3.01E-07	1.333333Y|	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349 ALL	402388.9	3781289	2.92E-07	1.333333Y|	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350 ALL	402408.9	3781289	2.84E-07	1.333333Y|	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351 ALL	402428.9	3781289	2.76E-07	1.333333Y|	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352 ALL	402448.9	3781289	2.68E-07	1.333333Y|	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353 ALL	402468.9	3781289	2.60E-07	1.333333Y|	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354 ALL	402488.9	3781289	2.53E-07	1.333333Y|	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355 ALL	402508.9	3781289	2.48E-07	1.333333Y|	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356 ALL	401308.9	3781309	2.11E-07	1.333333Y|	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357 ALL	401328.9	3781309	2.18E-07	1.333333Y|	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358 ALL	401348.9	3781309	2.27E-07	1.333333Y|	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359 ALL	401368.9	3781309	2.34E-07	1.333333Y|	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360 ALL	401388.9	3781309	2.44E-07	1.333333Y|	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361 ALL	401408.9	3781309	2.53E-07	1.333333Y|	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362 ALL	401428.9	3781309	2.63E-07	1.333333Y|	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363 ALL	401448.9	3781309	2.72E-07	1.333333Y|	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364 ALL	401468.9	3781309	2.83E-07	1.333333Y|	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1365 ALL	401488.9	3781309	2.94E-07	1.333333Y|	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366 ALL	401508.9	3781309	3.05E-07	1.333333Y|	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367 ALL	401528.9	3781309	3.16E-07	1.333333Y|	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368 ALL	401548.9	3781309	3.27E-07	1.333333Y|	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369 ALL	401568.9	3781309	3.40E-07	1.333333Y|	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370 ALL	401588.9	3781309	3.53E-07	1.333333Y|	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371 ALL	401608.9	3781309	3.65E-07	1.333333Y|	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372 ALL	401628.9	3781309	3.78E-07	1.333333Y|	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373 ALL	401648.9	3781309	3.92E-07	1.333333Y|	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374 ALL	401668.9	3781309	4.05E-07	1.333333Y|	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375 ALL	401688.9	3781309	4.18E-07	1.333333Y|	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376 ALL	401708.9	3781309	4.31E-07	1.333333Y|	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377 ALL	401728.9	3781309	4.43E-07	1.333333Y|	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378 ALL	401748.9	3781309	4.55E-07	1.333333Y|	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379 ALL	401768.9	3781309	4.67E-07	1.333333Y|	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380 ALL	401788.9	3781309	4.78E-07	1.333333Y|	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381 ALL	401808.9	3781309	4.88E-07	1.333333Y|	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382 ALL	401828.9	3781309	4.96E-07	1.333333Y|	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383 ALL	401848.9	3781309	5.01E-07	1.333333Y|	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384 ALL	401868.9	3781309	5.06E-07	1.333333Y|	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385 ALL	401888.9	3781309	5.10E-07	1.333333Y|	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386 ALL	401908.9	3781309	5.12E-07	1.333333Y|	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387 ALL	401928.9	3781309	5.11E-07	1.333333Y|	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388 ALL	401948.9	3781309	5.11E-07	1.333333Y|	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389 ALL	401968.9	3781309	5.06E-07	1.333333Y|	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390 ALL	401988.9	3781309	5.03E-07	1.333333Y|	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391 ALL	402008.9	3781309	4.97E-07	1.333333Y|	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392 ALL	402028.9	3781309	4.91E-07	1.333333Y|	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393 ALL	402048.9	3781309	4.84E-07	1.333333Y|	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394 ALL	402068.9	3781309	4.79E-07	1.333333Y|	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395 ALL	402088.9	3781309	4.71E-07	1.333333Y|	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396 ALL	402108.9	3781309	4.59E-07	1.333333Y|	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397 ALL	402128.9	3781309	4.49E-07	1.333333Y|	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398 ALL	402148.9	3781309	4.38E-07	1.333333Y|	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399 ALL	402168.9	3781309	4.26E-07	1.333333Y|	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400 ALL	402188.9	3781309	4.14E-07	1.333333Y|	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401 ALL	402208.9	3781309	4.02E-07	1.333333Y|	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402 ALL	402228.9	3781309	3.90E-07	1.333333Y|	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403 ALL	402248.9	3781309	3.78E-07	1.333333Y|	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404 ALL	402268.9	3781309	3.67E-07	1.333333Y|	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405 ALL	402288.9	3781309	3.56E-07	1.333333Y|	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406 ALL	402308.9	3781309	3.45E-07	1.333333Y|	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407 ALL	402328.9	3781309	3.35E-07	1.333333Y|	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408 ALL	402348.9	3781309	3.26E-07	1.333333Y|	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409 ALL	402368.9	3781309	3.16E-07	1.333333Y|	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410 ALL	402388.9	3781309	3.06E-07	1.333333Y|	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411 ALL	402408.9	3781309	2.97E-07	1.333333Y|	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412 ALL	402428.9	3781309	2.88E-07	1.333333Y|	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413 ALL	402448.9	3781309	2.79E-07	1.333333Y|	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414 ALL	402468.9	3781309	2.71E-07	1.333333Y|	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415 ALL	402488.9	3781309	2.63E-07	1.333333Y|	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416 ALL	402508.9	3781309	2.58E-07	1.333333Y|	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417 ALL	401308.9	3781329	2.17E-07	1.333333Y|	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418 ALL	401328.9	3781329	2.25E-07	1.333333Y|	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419 ALL	401348.9	3781329	2.34E-07	1.333333Y|	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420 ALL	401368.9	3781329	2.42E-07	1.333333Y|	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421 ALL	401388.9	3781329	2.52E-07	1.333333Y|	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422 ALL	401408.9	3781329	2.63E-07	1.333333Y|	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423 ALL	401428.9	3781329	2.73E-07	1.333333Y|	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424 ALL	401448.9	3781329	2.83E-07	1.333333Y|	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425 ALL	401468.9	3781329	2.95E-07	1.333333Y|	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426 ALL	401488.9	3781329	3.06E-07	1.333333Y|	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427 ALL	401508.9	3781329	3.19E-07	1.333333Y|	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428 ALL	401528.9	3781329	3.32E-07	1.333333Y|	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429 ALL	401548.9	3781329	3.44E-07	1.333333Y|	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430 ALL	401568.9	3781329	3.58E-07	1.333333Y|	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431 ALL	401588.9	3781329	3.73E-07	1.333333Y|	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432 ALL	401608.9	3781329	3.87E-07	1.333333Y|	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433 ALL	401628.9	3781329	4.02E-07	1.333333Y|	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434 ALL	401648.9	3781329	4.18E-07	1.333333Y|	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435 ALL	401668.9	3781329	4.31E-07	1.333333Y|	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436 ALL	401688.9	3781329	4.48E-07	1.333333Y|	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437 ALL	401708.9	3781329	4.62E-07	1.333333Y|	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438 ALL	401728.9	3781329	4.76E-07	1.333333Y|	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439 ALL	401748.9	3781329	4.89E-07	1.333333Y|	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440 ALL	401768.9	3781329	5.04E-07	1.333333Y|	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441 ALL	401788.9	3781329	5.16E-07	1.333333Y|	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442 ALL	401808.9	3781329	5.27E-07	1.333333Y|	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443 ALL	401828.9	3781329	5.38E-07	1.333333Y|	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444 ALL	401848.9	3781329	5.44E-07	1.333333Y|	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445 ALL	401868.9	3781329	5.50E-07	1.333333Y|	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446 ALL	401888.9	3781329	5.55E-07	1.333333Y|	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447 ALL	401908.9	3781329	5.56E-07	1.333333Y|	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448 ALL	401928.9	3781329	5.58E-07	1.333333Y|	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449 ALL	401948.9	3781329	5.60E-07	1.333333Y|	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450 ALL	401968.9	3781329	5.55E-07	1.333333Y|	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451 ALL	401988.9	3781329	5.48E-07	1.333333Y|	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452 ALL	402008.9	3781329	5.42E-07	1.333333Y|	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453 ALL	402028.9	3781329	5.34E-07	1.333333Y|	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454 ALL	402048.9	3781329	5.24E-07	1.333333Y|	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455 ALL	402068.9	3781329	5.17E-07	1.333333Y|	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1456	ALL	402088.9	3781329	5.08E-07	1.333333Y	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	ALL	402108.9	3781329	4.95E-07	1.333333Y	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	ALL	402128.9	3781329	4.84E-07	1.333333Y	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	ALL	402148.9	3781329	4.69E-07	1.333333Y	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	ALL	402168.9	3781329	4.56E-07	1.333333Y	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	ALL	402188.9	3781329	4.42E-07	1.333333Y	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	ALL	402208.9	3781329	4.28E-07	1.333333Y	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	ALL	402228.9	3781329	4.15E-07	1.333333Y	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	ALL	402248.9	3781329	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	ALL	402268.9	3781329	3.89E-07	1.333333Y	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	ALL	402288.9	3781329	3.76E-07	1.333333Y	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	ALL	402308.9	3781329	3.64E-07	1.333333Y	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	ALL	402328.9	3781329	3.53E-07	1.333333Y	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	ALL	402348.9	3781329	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	ALL	402368.9	3781329	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	ALL	402388.9	3781329	3.20E-07	1.333333Y	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	ALL	402408.9	3781329	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	ALL	402428.9	3781329	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	ALL	402448.9	3781329	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	ALL	402468.9	3781329	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	ALL	402488.9	3781329	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	ALL	402508.9	3781329	2.69E-07	1.333333Y	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	ALL	401308.9	3781349	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	ALL	401328.9	3781349	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	ALL	401348.9	3781349	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	ALL	401368.9	3781349	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	ALL	401388.9	3781349	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	ALL	401408.9	3781349	2.72E-07	1.333333Y	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	ALL	401428.9	3781349	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	ALL	401448.9	3781349	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486	ALL	401468.9	3781349	3.07E-07	1.333333Y	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	ALL	401488.9	3781349	3.21E-07	1.333333Y	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	ALL	401508.9	3781349	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	ALL	401528.9	3781349	3.49E-07	1.333333Y	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	ALL	401548.9	3781349	3.61E-07	1.333333Y	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	ALL	401568.9	3781349	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	ALL	401588.9	3781349	3.93E-07	1.333333Y	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	ALL	401608.9	3781349	4.10E-07	1.333333Y	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	ALL	401628.9	3781349	4.26E-07	1.333333Y	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	ALL	401648.9	3781349	4.43E-07	1.333333Y	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	ALL	401668.9	3781349	4.61E-07	1.333333Y	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	ALL	401688.9	3781349	4.78E-07	1.333333Y	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	ALL	401708.9	3781349	4.96E-07	1.333333Y	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	ALL	401728.9	3781349	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	ALL	401748.9	3781349	5.29E-07	1.333333Y	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	ALL	401768.9	3781349	5.44E-07	1.333333Y	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	ALL	401788.9	3781349	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	ALL	401808.9	3781349	5.72E-07	1.333333Y	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	ALL	401828.9	3781349	5.84E-07	1.333333Y	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	ALL	401848.9	3781349	5.94E-07	1.333333Y	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	ALL	401868.9	3781349	6.00E-07	1.333333Y	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	ALL	401888.9	3781349	6.07E-07	1.333333Y	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	ALL	401908.9	3781349	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	ALL	401928.9	3781349	6.10E-07	1.333333Y	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	ALL	401948.9	3781349	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	ALL	401968.9	3781349	6.05E-07	1.333333Y	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	ALL	401988.9	3781349	5.99E-07	1.333333Y	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	ALL	402008.9	3781349	5.91E-07	1.333333Y	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	ALL	402028.9	3781349	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	ALL	402048.9	3781349	5.72E-07	1.333333Y	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	ALL	402068.9	3781349	5.61E-07	1.333333Y	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	ALL	402088.9	3781349	5.50E-07	1.333333Y	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	ALL	402108.9	3781349	5.37E-07	1.333333Y	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	ALL	402128.9	3781349	5.22E-07	1.333333Y	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	ALL	402148.9	3781349	5.06E-07	1.333333Y	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	ALL	402168.9	3781349	4.90E-07	1.333333Y	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	ALL	402188.9	3781349	4.74E-07	1.333333Y	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	ALL	402208.9	3781349	4.58E-07	1.333333Y	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	ALL	402228.9	3781349	4.43E-07	1.333333Y	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	ALL	402248.9	3781349	4.28E-07	1.333333Y	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	ALL	402268.9	3781349	4.13E-07	1.333333Y	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	ALL	402288.9	3781349	3.99E-07	1.333333Y	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	ALL	402308.9	3781349	3.85E-07	1.333333Y	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	ALL	402328.9	3781349	3.72E-07	1.333333Y	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	ALL	402348.9	3781349	3.60E-07	1.333333Y	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531	ALL	402368.9	3781349	3.48E-07	1.333333Y	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	ALL	402388.9	3781349	3.35E-07	1.333333Y	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	ALL	402408.9	3781349	3.24E-07	1.333333Y	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	ALL	402428.9	3781349	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	ALL	402448.9	3781349	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL	402468.9	3781349	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL	402488.9	3781349	2.85E-07	1.333333Y	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL	402508.9	3781349	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL	401308.9	3781369	2.29E-07	1.333333Y	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL	401328.9	3781369	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL	401348.9	3781369	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL	401368.9	3781369	2.58E-07	1.333333Y	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL	401388.9	3781369	2.69E-07	1.333333Y	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL	401408.9	3781369	2.81E-07	1.333333Y	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL	401428.9	3781369	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL	401448.9	3781369	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1547 ALL	401468.9	3781369	3.19E-07	1.333333Y|	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548 ALL	401488.9	3781369	3.34E-07	1.333333Y|	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549 ALL	401508.9	3781369	3.49E-07	1.333333Y|	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550 ALL	401528.9	3781369	3.65E-07	1.333333Y|	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551 ALL	401548.9	3781369	3.79E-07	1.333333Y|	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552 ALL	401568.9	3781369	3.97E-07	1.333333Y|	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553 ALL	401588.9	3781369	4.15E-07	1.333333Y|	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554 ALL	401608.9	3781369	4.33E-07	1.333333Y|	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555 ALL	401628.9	3781369	4.52E-07	1.333333Y|	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556 ALL	401648.9	3781369	4.72E-07	1.333333Y|	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557 ALL	401668.9	3781369	4.92E-07	1.333333Y|	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558 ALL	401688.9	3781369	5.12E-07	1.333333Y|	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559 ALL	401708.9	3781369	5.33E-07	1.333333Y|	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560 ALL	401728.9	3781369	5.53E-07	1.333333Y|	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561 ALL	401748.9	3781369	5.73E-07	1.333333Y|	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562 ALL	401768.9	3781369	5.91E-07	1.333333Y|	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563 ALL	401788.9	3781369	6.09E-07	1.333333Y|	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564 ALL	401808.9	3781369	6.25E-07	1.333333Y|	6.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565 ALL	401828.9	3781369	6.38E-07	1.333333Y|	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566 ALL	401848.9	3781369	6.50E-07	1.333333Y|	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567 ALL	401868.9	3781369	6.58E-07	1.333333Y|	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568 ALL	401888.9	3781369	6.66E-07	1.333333Y|	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569 ALL	401908.9	3781369	6.69E-07	1.333333Y|	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570 ALL	401928.9	3781369	6.71E-07	1.333333Y|	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571 ALL	401948.9	3781369	6.69E-07	1.333333Y|	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572 ALL	401968.9	3781369	6.66E-07	1.333333Y|	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573 ALL	401988.9	3781369	6.56E-07	1.333333Y|	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574 ALL	402008.9	3781369	6.49E-07	1.333333Y|	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575 ALL	402028.9	3781369	6.37E-07	1.333333Y|	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576 ALL	402048.9	3781369	6.23E-07	1.333333Y|	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577 ALL	402068.9	3781369	6.11E-07	1.333333Y|	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578 ALL	402088.9	3781369	5.97E-07	1.333333Y|	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579 ALL	402108.9	3781369	5.83E-07	1.333333Y|	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580 ALL	402128.9	3781369	5.66E-07	1.333333Y|	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581 ALL	402148.9	3781369	5.47E-07	1.333333Y|	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582 ALL	402168.9	3781369	5.29E-07	1.333333Y|	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583 ALL	402188.9	3781369	5.08E-07	1.333333Y|	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584 ALL	402208.9	3781369	4.89E-07	1.333333Y|	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585 ALL	402228.9	3781369	4.71E-07	1.333333Y|	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586 ALL	402248.9	3781369	4.55E-07	1.333333Y|	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587 ALL	402268.9	3781369	4.39E-07	1.333333Y|	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588 ALL	402288.9	3781369	4.23E-07	1.333333Y|	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589 ALL	402308.9	3781369	4.07E-07	1.333333Y|	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590 ALL	402328.9	3781369	3.93E-07	1.333333Y|	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591 ALL	402348.9	3781369	3.80E-07	1.333333Y|	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592 ALL	402368.9	3781369	3.65E-07	1.333333Y|	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593 ALL	402388.9	3781369	3.52E-07	1.333333Y|	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594 ALL	402408.9	3781369	3.40E-07	1.333333Y|	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595 ALL	402428.9	3781369	3.29E-07	1.333333Y|	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596 ALL	402448.9	3781369	3.19E-07	1.333333Y|	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597 ALL	402468.9	3781369	3.07E-07	1.333333Y|	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598 ALL	402488.9	3781369	2.99E-07	1.333333Y|	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599 ALL	402508.9	3781369	2.92E-07	1.333333Y|	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600 ALL	401308.9	3781389	2.36E-07	1.333333Y|	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601 ALL	401328.9	3781389	2.46E-07	1.333333Y|	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602 ALL	401348.9	3781389	2.56E-07	1.333333Y|	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603 ALL	401368.9	3781389	2.67E-07	1.333333Y|	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604 ALL	401388.9	3781389	2.78E-07	1.333333Y|	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605 ALL	401408.9	3781389	2.91E-07	1.333333Y|	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606 ALL	401428.9	3781389	3.04E-07	1.333333Y|	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607 ALL	401448.9	3781389	3.18E-07	1.333333Y|	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608 ALL	401468.9	3781389	3.33E-07	1.333333Y|	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609 ALL	401488.9	3781389	3.49E-07	1.333333Y|	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610 ALL	401508.9	3781389	3.65E-07	1.333333Y|	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611 ALL	401528.9	3781389	3.83E-07	1.333333Y|	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612 ALL	401548.9	3781389	3.98E-07	1.333333Y|	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613 ALL	401568.9	3781389	4.19E-07	1.333333Y|	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614 ALL	401588.9	3781389	4.38E-07	1.333333Y|	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615 ALL	401608.9	3781389	4.59E-07	1.333333Y|	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616 ALL	401628.9	3781389	4.81E-07	1.333333Y|	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617 ALL	401648.9	3781389	5.03E-07	1.333333Y|	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618 ALL	401668.9	3781389	5.28E-07	1.333333Y|	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619 ALL	401688.9	3781389	5.51E-07	1.333333Y|	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620 ALL	401708.9	3781389	5.75E-07	1.333333Y|	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1621 ALL	401728.9	3781389	5.99E-07	1.333333Y|	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622 ALL	401748.9	3781389	6.21E-07	1.333333Y|	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623 ALL	401768.9	3781389	6.45E-07	1.333333Y|	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624 ALL	401788.9	3781389	6.66E-07	1.333333Y|	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625 ALL	401808.9	3781389	6.85E-07	1.333333Y|	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626 ALL	401828.9	3781389	7.02E-07	1.333333Y|	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627 ALL	401848.9	3781389	7.16E-07	1.333333Y|	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628 ALL	401868.9	3781389	7.25E-07	1.333333Y|	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629 ALL	401888.9	3781389	7.37E-07	1.333333Y|	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630 ALL	401908.9	3781389	7.41E-07	1.333333Y|	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631 ALL	401928.9	3781389	7.41E-07	1.333333Y|	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632 ALL	401948.9	3781389	7.41E-07	1.333333Y|	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633 ALL	401968.9	3781389	7.35E-07	1.333333Y|	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634 ALL	401988.9	3781389	7.26E-07	1.333333Y|	7.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635 ALL	402008.9	3781389	7.14E-07	1.333333Y|	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636 ALL	402028.9	3781389	7.02E-07	1.333333Y|	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637 ALL	402048.9	3781389	6.86E-07	1.333333Y|	6.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1638	ALL	402068.9	3781389	6.72E-07	1.333333Y	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	ALL	402088.9	3781389	6.54E-07	1.333333Y	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	ALL	402108.9	3781389	6.36E-07	1.333333Y	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	ALL	402128.9	3781389	6.16E-07	1.333333Y	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	ALL	402148.9	3781389	5.94E-07	1.333333Y	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	ALL	402168.9	3781389	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	ALL	402188.9	3781389	5.49E-07	1.333333Y	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	ALL	402208.9	3781389	5.26E-07	1.333333Y	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	ALL	402228.9	3781389	5.07E-07	1.333333Y	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	ALL	402248.9	3781389	4.87E-07	1.333333Y	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	ALL	402268.9	3781389	4.67E-07	1.333333Y	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	ALL	402288.9	3781389	4.50E-07	1.333333Y	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	ALL	402308.9	3781389	4.32E-07	1.333333Y	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	ALL	402328.9	3781389	4.16E-07	1.333333Y	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	ALL	402348.9	3781389	4.00E-07	1.333333Y	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	ALL	402368.9	3781389	3.85E-07	1.333333Y	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	ALL	402388.9	3781389	3.71E-07	1.333333Y	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	ALL	402408.9	3781389	3.58E-07	1.333333Y	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	ALL	402428.9	3781389	3.47E-07	1.333333Y	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	ALL	402448.9	3781389	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	ALL	402468.9	3781389	3.22E-07	1.333333Y	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	ALL	402488.9	3781389	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	ALL	402508.9	3781389	3.07E-07	1.333333Y	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	ALL	401308.9	3781409	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	ALL	401328.9	3781409	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	ALL	401348.9	3781409	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	ALL	401368.9	3781409	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	ALL	401388.9	3781409	2.87E-07	1.333333Y	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1666	ALL	401408.9	3781409	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	ALL	401428.9	3781409	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	ALL	401448.9	3781409	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	ALL	401468.9	3781409	3.46E-07	1.333333Y	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	ALL	401488.9	3781409	3.64E-07	1.333333Y	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	ALL	401508.9	3781409	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	ALL	401528.9	3781409	4.01E-07	1.333333Y	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	ALL	401548.9	3781409	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	ALL	401568.9	3781409	4.41E-07	1.333333Y	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	ALL	401588.9	3781409	4.66E-07	1.333333Y	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	ALL	401608.9	3781409	4.86E-07	1.333333Y	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	ALL	401628.9	3781409	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	ALL	401648.9	3781409	5.37E-07	1.333333Y	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1679	ALL	401668.9	3781409	5.65E-07	1.333333Y	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	ALL	401688.9	3781409	5.93E-07	1.333333Y	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	ALL	401708.9	3781409	6.21E-07	1.333333Y	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	ALL	401728.9	3781409	6.50E-07	1.333333Y	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	ALL	401748.9	3781409	6.77E-07	1.333333Y	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	ALL	401768.9	3781409	7.04E-07	1.333333Y	7.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	ALL	401788.9	3781409	7.31E-07	1.333333Y	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	ALL	401808.9	3781409	7.54E-07	1.333333Y	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	ALL	401828.9	3781409	7.75E-07	1.333333Y	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	ALL	401848.9	3781409	7.93E-07	1.333333Y	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	ALL	401868.9	3781409	8.06E-07	1.333333Y	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	ALL	401888.9	3781409	8.18E-07	1.333333Y	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	ALL	401908.9	3781409	8.25E-07	1.333333Y	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	ALL	401928.9	3781409	8.26E-07	1.333333Y	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	ALL	401948.9	3781409	8.25E-07	1.333333Y	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	ALL	401968.9	3781409	8.20E-07	1.333333Y	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	ALL	401988.9	3781409	8.10E-07	1.333333Y	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	ALL	402008.9	3781409	7.95E-07	1.333333Y	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	ALL	402028.9	3781409	7.79E-07	1.333333Y	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	ALL	402048.9	3781409	7.60E-07	1.333333Y	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	ALL	402068.9	3781409	7.39E-07	1.333333Y	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	ALL	402088.9	3781409	7.17E-07	1.333333Y	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	ALL	402108.9	3781409	6.96E-07	1.333333Y	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	ALL	402128.9	3781409	6.73E-07	1.333333Y	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	ALL	402148.9	3781409	6.47E-07	1.333333Y	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	ALL	402168.9	3781409	6.19E-07	1.333333Y	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	ALL	402188.9	3781409	5.93E-07	1.333333Y	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	ALL	402208.9	3781409	5.67E-07	1.333333Y	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	ALL	402228.9	3781409	5.44E-07	1.333333Y	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	ALL	402248.9	3781409	5.21E-07	1.333333Y	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	ALL	402268.9	3781409	5.00E-07	1.333333Y	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	ALL	402288.9	3781409	4.79E-07	1.333333Y	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1711	ALL	402308.9	3781409	4.59E-07	1.333333Y	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	ALL	402328.9	3781409	4.41E-07	1.333333Y	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	ALL	402348.9	3781409	4.23E-07	1.333333Y	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	ALL	402368.9	3781409	4.06E-07	1.333333Y	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	ALL	402388.9	3781409	3.91E-07	1.333333Y	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	ALL	402408.9	3781409	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717	ALL	402428.9	3781409	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	ALL	402448.9	3781409	3.52E-07	1.333333Y	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	ALL	402468.9	3781409	3.38E-07	1.333333Y	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	ALL	402488.9	3781409	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	ALL	402508.9	3781409	3.21E-07	1.333333Y	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	ALL	401308.9	3781429	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	ALL	401328.9	3781429	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	ALL	401348.9	3781429	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	ALL	401368.9	3781429	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	ALL	401388.9	3781429	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727	ALL	401408.9	3781429	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	ALL	401428.9	3781429	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1729 ALL	401448.9	3781429	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730 ALL	401468.9	3781429	3.60E-07	1.333333Y	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731 ALL	401488.9	3781429	3.79E-07	1.333333Y	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732 ALL	401508.9	3781429	3.98E-07	1.333333Y	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733 ALL	401528.9	3781429	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734 ALL	401548.9	3781429	4.40E-07	1.333333Y	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735 ALL	401568.9	3781429	4.65E-07	1.333333Y	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736 ALL	401588.9	3781429	4.92E-07	1.333333Y	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737 ALL	401608.9	3781429	5.18E-07	1.333333Y	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738 ALL	401628.9	3781429	5.46E-07	1.333333Y	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739 ALL	401648.9	3781429	5.77E-07	1.333333Y	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740 ALL	401668.9	3781429	6.10E-07	1.333333Y	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741 ALL	401688.9	3781429	6.39E-07	1.333333Y	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742 ALL	401708.9	3781429	6.73E-07	1.333333Y	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743 ALL	401728.9	3781429	7.06E-07	1.333333Y	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744 ALL	401748.9	3781429	7.41E-07	1.333333Y	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745 ALL	401768.9	3781429	7.75E-07	1.333333Y	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746 ALL	401788.9	3781429	8.07E-07	1.333333Y	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747 ALL	401808.9	3781429	8.36E-07	1.333333Y	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748 ALL	401828.9	3781429	8.63E-07	1.333333Y	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749 ALL	401848.9	3781429	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750 ALL	401868.9	3781429	9.02E-07	1.333333Y	9.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751 ALL	401888.9	3781429	9.18E-07	1.333333Y	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752 ALL	401908.9	3781429	9.28E-07	1.333333Y	9.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753 ALL	401928.9	3781429	9.35E-07	1.333333Y	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754 ALL	401948.9	3781429	9.36E-07	1.333333Y	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755 ALL	401968.9	3781429	9.25E-07	1.333333Y	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756 ALL	401988.9	3781429	9.12E-07	1.333333Y	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757 ALL	402008.9	3781429	8.90E-07	1.333333Y	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758 ALL	402028.9	3781429	8.69E-07	1.333333Y	8.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759 ALL	402048.9	3781429	8.46E-07	1.333333Y	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760 ALL	402068.9	3781429	8.18E-07	1.333333Y	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761 ALL	402088.9	3781429	7.91E-07	1.333333Y	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762 ALL	402108.9	3781429	7.66E-07	1.333333Y	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763 ALL	402128.9	3781429	7.36E-07	1.333333Y	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764 ALL	402148.9	3781429	7.07E-07	1.333333Y	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765 ALL	402168.9	3781429	6.74E-07	1.333333Y	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766 ALL	402188.9	3781429	6.42E-07	1.333333Y	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767 ALL	402208.9	3781429	6.12E-07	1.333333Y	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768 ALL	402228.9	3781429	5.85E-07	1.333333Y	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769 ALL	402248.9	3781429	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770 ALL	402268.9	3781429	5.35E-07	1.333333Y	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771 ALL	402288.9	3781429	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772 ALL	402308.9	3781429	4.89E-07	1.333333Y	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773 ALL	402328.9	3781429	4.69E-07	1.333333Y	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774 ALL	402348.9	3781429	4.49E-07	1.333333Y	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775 ALL	402368.9	3781429	4.30E-07	1.333333Y	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776 ALL	402388.9	3781429	4.15E-07	1.333333Y	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777 ALL	402408.9	3781429	4.00E-07	1.333333Y	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778 ALL	402428.9	3781429	3.87E-07	1.333333Y	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779 ALL	402448.9	3781429	3.73E-07	1.333333Y	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780 ALL	402468.9	3781429	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781 ALL	402488.9	3781429	3.46E-07	1.333333Y	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782 ALL	402508.9	3781429	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783 ALL	401308.9	3781449	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784 ALL	401328.9	3781449	2.66E-07	1.333333Y	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785 ALL	401348.9	3781449	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786 ALL	401368.9	3781449	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787 ALL	401388.9	3781449	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788 ALL	401408.9	3781449	3.22E-07	1.333333Y	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789 ALL	401428.9	3781449	3.38E-07	1.333333Y	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790 ALL	401448.9	3781449	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791 ALL	401468.9	3781449	3.74E-07	1.333333Y	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792 ALL	401488.9	3781449	3.95E-07	1.333333Y	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793 ALL	401508.9	3781449	4.16E-07	1.333333Y	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794 ALL	401528.9	3781449	4.39E-07	1.333333Y	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795 ALL	401548.9	3781449	4.62E-07	1.333333Y	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796 ALL	401568.9	3781449	4.90E-07	1.333333Y	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797 ALL	401588.9	3781449	5.21E-07	1.333333Y	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798 ALL	401608.9	3781449	5.49E-07	1.333333Y	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799 ALL	401628.9	3781449	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800 ALL	401648.9	3781449	6.18E-07	1.333333Y	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1801 ALL	401668.9	3781449	6.55E-07	1.333333Y	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802 ALL	401688.9	3781449	6.94E-07	1.333333Y	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803 ALL	401708.9	3781449	7.33E-07	1.333333Y	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804 ALL	401728.9	3781449	7.74E-07	1.333333Y	7.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805 ALL	401748.9	3781449	8.16E-07	1.333333Y	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806 ALL	401768.9	3781449	8.57E-07	1.333333Y	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807 ALL	401788.9	3781449	8.97E-07	1.333333Y	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808 ALL	401808.9	3781449	9.33E-07	1.333333Y	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809 ALL	401828.9	3781449	9.66E-07	1.333333Y	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810 ALL	401848.9	3781449	9.97E-07	1.333333Y	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811 ALL	401868.9	3781449	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812 ALL	401888.9	3781449	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813 ALL	401908.9	3781449	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814 ALL	401928.9	3781449	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815 ALL	401948.9	3781449	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816 ALL	401968.9	3781449	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817 ALL	401988.9	3781449	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818 ALL	402008.9	3781449	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819 ALL	402028.9	3781449	9.82E-07	1.333333Y	9.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1820 ALL	402048.9	3781449	9.52E-07	1.333333Y|	9.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821 ALL	402068.9	3781449	9.19E-07	1.333333Y|	9.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822 ALL	402088.9	3781449	8.84E-07	1.333333Y|	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823 ALL	402108.9	3781449	8.49E-07	1.333333Y|	8.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824 ALL	402128.9	3781449	8.15E-07	1.333333Y|	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825 ALL	402148.9	3781449	7.79E-07	1.333333Y|	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826 ALL	402168.9	3781449	7.38E-07	1.333333Y|	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827 ALL	402188.9	3781449	7.00E-07	1.333333Y|	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828 ALL	402208.9	3781449	6.64E-07	1.333333Y|	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829 ALL	402228.9	3781449	6.33E-07	1.333333Y|	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830 ALL	402248.9	3781449	6.02E-07	1.333333Y|	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831 ALL	402268.9	3781449	5.75E-07	1.333333Y|	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832 ALL	402288.9	3781449	5.49E-07	1.333333Y|	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833 ALL	402308.9	3781449	5.23E-07	1.333333Y|	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834 ALL	402328.9	3781449	5.00E-07	1.333333Y|	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835 ALL	402348.9	3781449	4.77E-07	1.333333Y|	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836 ALL	402368.9	3781449	4.58E-07	1.333333Y|	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837 ALL	402388.9	3781449	4.41E-07	1.333333Y|	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838 ALL	402408.9	3781449	4.25E-07	1.333333Y|	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839 ALL	402428.9	3781449	4.09E-07	1.333333Y|	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840 ALL	402448.9	3781449	3.94E-07	1.333333Y|	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841 ALL	402468.9	3781449	3.78E-07	1.333333Y|	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842 ALL	402488.9	3781449	3.68E-07	1.333333Y|	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843 ALL	402508.9	3781449	3.58E-07	1.333333Y|	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844 ALL	401308.9	3781469	2.60E-07	1.333333Y|	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845 ALL	401328.9	3781469	2.72E-07	1.333333Y|	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1846 ALL	401348.9	3781469	2.86E-07	1.333333Y|	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847 ALL	401368.9	3781469	2.99E-07	1.333333Y|	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848 ALL	401388.9	3781469	3.15E-07	1.333333Y|	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849 ALL	401408.9	3781469	3.32E-07	1.333333Y|	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850 ALL	401428.9	3781469	3.49E-07	1.333333Y|	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851 ALL	401448.9	3781469	3.68E-07	1.333333Y|	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852 ALL	401468.9	3781469	3.88E-07	1.333333Y|	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853 ALL	401488.9	3781469	4.11E-07	1.333333Y|	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854 ALL	401508.9	3781469	4.34E-07	1.333333Y|	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855 ALL	401528.9	3781469	4.60E-07	1.333333Y|	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856 ALL	401548.9	3781469	4.85E-07	1.333333Y|	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857 ALL	401568.9	3781469	5.16E-07	1.333333Y|	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858 ALL	401588.9	3781469	5.51E-07	1.333333Y|	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859 ALL	401608.9	3781469	5.82E-07	1.333333Y|	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860 ALL	401628.9	3781469	6.22E-07	1.333333Y|	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861 ALL	401648.9	3781469	6.64E-07	1.333333Y|	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862 ALL	401668.9	3781469	7.08E-07	1.333333Y|	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863 ALL	401688.9	3781469	7.50E-07	1.333333Y|	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864 ALL	401708.9	3781469	7.99E-07	1.333333Y|	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865 ALL	401728.9	3781469	8.50E-07	1.333333Y|	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866 ALL	401748.9	3781469	9.04E-07	1.333333Y|	9.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867 ALL	401768.9	3781469	9.56E-07	1.333333Y|	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868 ALL	401788.9	3781469	1.01E-06	1.333333Y|	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869 ALL	401808.9	3781469	1.05E-06	1.333333Y|	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870 ALL	401828.9	3781469	1.10E-06	1.333333Y|	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1871 ALL	401848.9	3781469	1.14E-06	1.333333Y|	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872 ALL	401868.9	3781469	1.16E-06	1.333333Y|	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873 ALL	401888.9	3781469	1.19E-06	1.333333Y|	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874 ALL	401908.9	3781469	1.20E-06	1.333333Y|	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875 ALL	401928.9	3781469	1.20E-06	1.333333Y|	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876 ALL	401948.9	3781469	1.20E-06	1.333333Y|	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877 ALL	401968.9	3781469	1.19E-06	1.333333Y|	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878 ALL	401988.9	3781469	1.17E-06	1.333333Y|	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879 ALL	402008.9	3781469	1.15E-06	1.333333Y|	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880 ALL	402028.9	3781469	1.12E-06	1.333333Y|	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881 ALL	402048.9	3781469	1.08E-06	1.333333Y|	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882 ALL	402068.9	3781469	1.04E-06	1.333333Y|	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883 ALL	402088.9	3781469	9.94E-07	1.333333Y|	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884 ALL	402108.9	3781469	9.50E-07	1.333333Y|	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885 ALL	402128.9	3781469	9.06E-07	1.333333Y|	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886 ALL	402148.9	3781469	8.59E-07	1.333333Y|	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887 ALL	402168.9	3781469	8.13E-07	1.333333Y|	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888 ALL	402188.9	3781469	7.68E-07	1.333333Y|	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889 ALL	402208.9	3781469	7.23E-07	1.333333Y|	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890 ALL	402228.9	3781469	6.87E-07	1.333333Y|	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1891 ALL	402248.9	3781469	6.51E-07	1.333333Y|	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892 ALL	402268.9	3781469	6.18E-07	1.333333Y|	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893 ALL	402288.9	3781469	5.89E-07	1.333333Y|	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894 ALL	402308.9	3781469	5.62E-07	1.333333Y|	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895 ALL	402328.9	3781469	5.36E-07	1.333333Y|	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896 ALL	402348.9	3781469	5.11E-07	1.333333Y|	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897 ALL	402368.9	3781469	4.90E-07	1.333333Y|	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898 ALL	402388.9	3781469	4.72E-07	1.333333Y|	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899 ALL	402408.9	3781469	4.55E-07	1.333333Y|	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900 ALL	402428.9	3781469	4.37E-07	1.333333Y|	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901 ALL	402448.9	3781469	4.19E-07	1.333333Y|	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902 ALL	402468.9	3781469	4.02E-07	1.333333Y|	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1903 ALL	402488.9	3781469	3.90E-07	1.333333Y|	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904 ALL	402508.9	3781469	3.79E-07	1.333333Y|	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905 ALL	401308.9	3781489	2.66E-07	1.333333Y|	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906 ALL	401328.9	3781489	2.79E-07	1.333333Y|	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907 ALL	401348.9	3781489	2.93E-07	1.333333Y|	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908 ALL	401368.9	3781489	3.07E-07	1.333333Y|	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909 ALL	401388.9	3781489	3.23E-07	1.333333Y|	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910 ALL	401408.9	3781489	3.41E-07	1.333333Y|	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1911 ALL	401428.9	3781489	3.60E-07	1.333333Y	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912 ALL	401448.9	3781489	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913 ALL	401468.9	3781489	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914 ALL	401488.9	3781489	4.27E-07	1.333333Y	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915 ALL	401508.9	3781489	4.52E-07	1.333333Y	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916 ALL	401528.9	3781489	4.81E-07	1.333333Y	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917 ALL	401548.9	3781489	5.09E-07	1.333333Y	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918 ALL	401568.9	3781489	5.43E-07	1.333333Y	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1919 ALL	401588.9	3781489	5.80E-07	1.333333Y	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920 ALL	401608.9	3781489	6.18E-07	1.333333Y	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921 ALL	401628.9	3781489	6.61E-07	1.333333Y	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922 ALL	401648.9	3781489	7.09E-07	1.333333Y	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923 ALL	401668.9	3781489	7.60E-07	1.333333Y	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924 ALL	401688.9	3781489	8.15E-07	1.333333Y	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925 ALL	401708.9	3781489	8.75E-07	1.333333Y	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926 ALL	401728.9	3781489	9.36E-07	1.333333Y	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927 ALL	401748.9	3781489	1.00E-06	1.333333Y	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928 ALL	401768.9	3781489	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929 ALL	401788.9	3781489	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930 ALL	401808.9	3781489	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931 ALL	401828.9	3781489	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932 ALL	401848.9	3781489	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933 ALL	401868.9	3781489	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934 ALL	401888.9	3781489	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935 ALL	401908.9	3781489	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1936 ALL	401928.9	3781489	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937 ALL	401948.9	3781489	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938 ALL	401968.9	3781489	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939 ALL	401988.9	3781489	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940 ALL	402008.9	3781489	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941 ALL	402028.9	3781489	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942 ALL	402048.9	3781489	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943 ALL	402068.9	3781489	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944 ALL	402088.9	3781489	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945 ALL	402108.9	3781489	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946 ALL	402128.9	3781489	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947 ALL	402148.9	3781489	9.69E-07	1.333333Y	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948 ALL	402168.9	3781489	9.13E-07	1.333333Y	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949 ALL	402188.9	3781489	8.57E-07	1.333333Y	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950 ALL	402208.9	3781489	7.92E-07	1.333333Y	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951 ALL	402228.9	3781489	7.47E-07	1.333333Y	7.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952 ALL	402248.9	3781489	7.07E-07	1.333333Y	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953 ALL	402268.9	3781489	6.71E-07	1.333333Y	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954 ALL	402288.9	3781489	6.41E-07	1.333333Y	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955 ALL	402308.9	3781489	6.07E-07	1.333333Y	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956 ALL	402328.9	3781489	5.79E-07	1.333333Y	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957 ALL	402348.9	3781489	5.52E-07	1.333333Y	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958 ALL	402368.9	3781489	5.31E-07	1.333333Y	5.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1959 ALL	402388.9	3781489	5.13E-07	1.333333Y	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960 ALL	402408.9	3781489	4.93E-07	1.333333Y	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961 ALL	402428.9	3781489	4.72E-07	1.333333Y	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962 ALL	402448.9	3781489	4.54E-07	1.333333Y	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963 ALL	402468.9	3781489	4.37E-07	1.333333Y	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964 ALL	402488.9	3781489	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965 ALL	402508.9	3781489	4.12E-07	1.333333Y	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966 ALL	401308.9	3781509	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1967 ALL	401328.9	3781509	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968 ALL	401348.9	3781509	2.99E-07	1.333333Y	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969 ALL	401368.9	3781509	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970 ALL	401388.9	3781509	3.32E-07	1.333333Y	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971 ALL	401408.9	3781509	3.51E-07	1.333333Y	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972 ALL	401428.9	3781509	3.71E-07	1.333333Y	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973 ALL	401448.9	3781509	3.93E-07	1.333333Y	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974 ALL	401468.9	3781509	4.16E-07	1.333333Y	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975 ALL	401488.9	3781509	4.43E-07	1.333333Y	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976 ALL	401508.9	3781509	4.71E-07	1.333333Y	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977 ALL	401528.9	3781509	5.02E-07	1.333333Y	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978 ALL	401548.9	3781509	5.33E-07	1.333333Y	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979 ALL	401568.9	3781509	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980 ALL	401588.9	3781509	6.12E-07	1.333333Y	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1981 ALL	401608.9	3781509	6.56E-07	1.333333Y	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982 ALL	401628.9	3781509	7.05E-07	1.333333Y	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983 ALL	401648.9	3781509	7.60E-07	1.333333Y	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984 ALL	401668.9	3781509	8.20E-07	1.333333Y	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985 ALL	401688.9	3781509	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986 ALL	401708.9	3781509	9.59E-07	1.333333Y	9.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987 ALL	401728.9	3781509	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988 ALL	401748.9	3781509	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989 ALL	401768.9	3781509	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990 ALL	401788.9	3781509	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991 ALL	401808.9	3781509	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992 ALL	401828.9	3781509	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993 ALL	401848.9	3781509	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994 ALL	401868.9	3781509	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995 ALL	401888.9	3781509	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996 ALL	401908.9	3781509	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997 ALL	401928.9	3781509	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998 ALL	401948.9	3781509	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999 ALL	401968.9	3781509	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000 ALL	401988.9	3781509	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001 ALL	402008.9	3781509	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2002 ALL	402028.9	3781509	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003 ALL	402048.9	3781509	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004 ALL	402068.9	3781509	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005 ALL	402088.9	3781509	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006 ALL	402108.9	3781509	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007 ALL	402128.9	3781509	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008 ALL	402148.9	3781509	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009 ALL	402168.9	3781509	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010 ALL	402188.9	3781509	9.44E-07	1.333333Y	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011 ALL	402208.9	3781509	8.71E-07	1.333333Y	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012 ALL	402228.9	3781509	8.19E-07	1.333333Y	8.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013 ALL	402248.9	3781509	7.72E-07	1.333333Y	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014 ALL	402268.9	3781509	7.29E-07	1.333333Y	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2015 ALL	402288.9	3781509	6.94E-07	1.333333Y	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016 ALL	402308.9	3781509	6.63E-07	1.333333Y	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017 ALL	402328.9	3781509	6.31E-07	1.333333Y	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018 ALL	402348.9	3781509	6.05E-07	1.333333Y	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019 ALL	402368.9	3781509	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2020 ALL	402388.9	3781509	5.61E-07	1.333333Y	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021 ALL	402408.9	3781509	5.40E-07	1.333333Y	5.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022 ALL	402428.9	3781509	5.16E-07	1.333333Y	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023 ALL	402448.9	3781509	4.95E-07	1.333333Y	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024 ALL	402468.9	3781509	4.79E-07	1.333333Y	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025 ALL	402488.9	3781509	4.61E-07	1.333333Y	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2026 ALL	402508.9	3781509	4.50E-07	1.333333Y	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027 ALL	401308.9	3781529	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028 ALL	401328.9	3781529	2.89E-07	1.333333Y	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029 ALL	401348.9	3781529	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030 ALL	401368.9	3781529	3.21E-07	1.333333Y	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031 ALL	401388.9	3781529	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032 ALL	401408.9	3781529	3.59E-07	1.333333Y	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033 ALL	401428.9	3781529	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034 ALL	401448.9	3781529	4.04E-07	1.333333Y	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035 ALL	401468.9	3781529	4.30E-07	1.333333Y	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036 ALL	401488.9	3781529	4.58E-07	1.333333Y	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037 ALL	401508.9	3781529	4.88E-07	1.333333Y	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038 ALL	401528.9	3781529	5.23E-07	1.333333Y	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039 ALL	401548.9	3781529	5.57E-07	1.333333Y	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040 ALL	401568.9	3781529	5.99E-07	1.333333Y	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041 ALL	401588.9	3781529	6.45E-07	1.333333Y	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042 ALL	401608.9	3781529	6.94E-07	1.333333Y	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043 ALL	401628.9	3781529	7.50E-07	1.333333Y	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044 ALL	401648.9	3781529	8.14E-07	1.333333Y	8.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045 ALL	401668.9	3781529	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046 ALL	401688.9	3781529	9.65E-07	1.333333Y	9.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047 ALL	401708.9	3781529	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048 ALL	401728.9	3781529	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049 ALL	401748.9	3781529	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050 ALL	401768.9	3781529	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051 ALL	401788.9	3781529	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052 ALL	401808.9	3781529	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053 ALL	401828.9	3781529	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054 ALL	401848.9	3781529	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055 ALL	401868.9	3781529	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056 ALL	401888.9	3781529	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057 ALL	401908.9	3781529	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058 ALL	401928.9	3781529	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059 ALL	401948.9	3781529	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060 ALL	401968.9	3781529	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061 ALL	401988.9	3781529	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062 ALL	402008.9	3781529	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2063 ALL	402028.9	3781529	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064 ALL	402048.9	3781529	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065 ALL	402068.9	3781529	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066 ALL	402088.9	3781529	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067 ALL	402108.9	3781529	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068 ALL	402128.9	3781529	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069 ALL	402148.9	3781529	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070 ALL	402168.9	3781529	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2071 ALL	402188.9	3781529	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072 ALL	402208.9	3781529	9.67E-07	1.333333Y	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073 ALL	402228.9	3781529	9.13E-07	1.333333Y	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074 ALL	402248.9	3781529	8.61E-07	1.333333Y	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075 ALL	402268.9	3781529	8.15E-07	1.333333Y	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076 ALL	402288.9	3781529	7.77E-07	1.333333Y	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077 ALL	402308.9	3781529	7.39E-07	1.333333Y	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078 ALL	402328.9	3781529	7.06E-07	1.333333Y	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079 ALL	402348.9	3781529	6.94E-07	1.333333Y	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080 ALL	402368.9	3781529	6.57E-07	1.333333Y	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081 ALL	402388.9	3781529	6.34E-07	1.333333Y	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082 ALL	402408.9	3781529	6.10E-07	1.333333Y	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083 ALL	402428.9	3781529	5.89E-07	1.333333Y	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084 ALL	402448.9	3781529	5.67E-07	1.333333Y	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085 ALL	402468.9	3781529	5.64E-07	1.333333Y	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086 ALL	402488.9	3781529	5.43E-07	1.333333Y	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087 ALL	402508.9	3781529	5.03E-07	1.333333Y	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088 ALL	401308.9	3781549	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089 ALL	401328.9	3781549	2.93E-07	1.333333Y	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090 ALL	401348.9	3781549	3.09E-07	1.333333Y	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091 ALL	401368.9	3781549	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092 ALL	401388.9	3781549	3.46E-07	1.333333Y	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2093	ALL	401408.9	3781549	3.67E-07	1.333333Y	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094	ALL	401428.9	3781549	3.90E-07	1.333333Y	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095	ALL	401448.9	3781549	4.15E-07	1.333333Y	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096	ALL	401468.9	3781549	4.43E-07	1.333333Y	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097	ALL	401488.9	3781549	4.73E-07	1.333333Y	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098	ALL	401508.9	3781549	5.05E-07	1.333333Y	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099	ALL	401528.9	3781549	5.43E-07	1.333333Y	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100	ALL	401548.9	3781549	5.82E-07	1.333333Y	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101	ALL	401568.9	3781549	6.28E-07	1.333333Y	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102	ALL	401588.9	3781549	6.79E-07	1.333333Y	6.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103	ALL	401608.9	3781549	7.39E-07	1.333333Y	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104	ALL	401628.9	3781549	8.04E-07	1.333333Y	8.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105	ALL	401648.9	3781549	8.76E-07	1.333333Y	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106	ALL	401668.9	3781549	9.60E-07	1.333333Y	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107	ALL	401688.9	3781549	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108	ALL	401708.9	3781549	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109	ALL	401728.9	3781549	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110	ALL	401748.9	3781549	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2111	ALL	401768.9	3781549	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112	ALL	401788.9	3781549	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113	ALL	401808.9	3781549	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114	ALL	401828.9	3781549	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115	ALL	401848.9	3781549	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2116	ALL	401868.9	3781549	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117	ALL	401888.9	3781549	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118	ALL	401908.9	3781549	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119	ALL	401928.9	3781549	2.46E-06	1.333333Y	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120	ALL	401948.9	3781549	2.46E-06	1.333333Y	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2121	ALL	401968.9	3781549	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122	ALL	401988.9	3781549	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123	ALL	402008.9	3781549	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124	ALL	402028.9	3781549	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125	ALL	402048.9	3781549	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126	ALL	402068.9	3781549	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2127	ALL	402088.9	3781549	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128	ALL	402108.9	3781549	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129	ALL	402128.9	3781549	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130	ALL	402148.9	3781549	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131	ALL	402168.9	3781549	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132	ALL	402188.9	3781549	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133	ALL	402208.9	3781549	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134	ALL	402228.9	3781549	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135	ALL	402248.9	3781549	9.66E-07	1.333333Y	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136	ALL	402268.9	3781549	9.24E-07	1.333333Y	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137	ALL	402288.9	3781549	8.93E-07	1.333333Y	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138	ALL	402308.9	3781549	8.56E-07	1.333333Y	8.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139	ALL	402328.9	3781549	8.29E-07	1.333333Y	8.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140	ALL	402348.9	3781549	8.30E-07	1.333333Y	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141	ALL	402368.9	3781549	7.77E-07	1.333333Y	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142	ALL	402388.9	3781549	7.62E-07	1.333333Y	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143	ALL	402408.9	3781549	7.35E-07	1.333333Y	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144	ALL	402428.9	3781549	7.09E-07	1.333333Y	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145	ALL	402448.9	3781549	6.81E-07	1.333333Y	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146	ALL	402468.9	3781549	6.68E-07	1.333333Y	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147	ALL	402488.9	3781549	6.61E-07	1.333333Y	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148	ALL	402508.9	3781549	6.20E-07	1.333333Y	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149	ALL	401308.9	3781569	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150	ALL	401328.9	3781569	2.95E-07	1.333333Y	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151	ALL	401348.9	3781569	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152	ALL	401368.9	3781569	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153	ALL	401388.9	3781569	3.51E-07	1.333333Y	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154	ALL	401408.9	3781569	3.73E-07	1.333333Y	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155	ALL	401428.9	3781569	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156	ALL	401448.9	3781569	4.24E-07	1.333333Y	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157	ALL	401468.9	3781569	4.54E-07	1.333333Y	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158	ALL	401488.9	3781569	4.86E-07	1.333333Y	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2159	ALL	401508.9	3781569	5.22E-07	1.333333Y	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160	ALL	401528.9	3781569	5.62E-07	1.333333Y	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2161	ALL	401548.9	3781569	6.05E-07	1.333333Y	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162	ALL	401568.9	3781569	6.56E-07	1.333333Y	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163	ALL	401588.9	3781569	7.13E-07	1.333333Y	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164	ALL	401608.9	3781569	7.78E-07	1.333333Y	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165	ALL	401628.9	3781569	8.53E-07	1.333333Y	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166	ALL	401648.9	3781569	9.34E-07	1.333333Y	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167	ALL	401668.9	3781569	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168	ALL	401688.9	3781569	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169	ALL	401708.9	3781569	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170	ALL	401728.9	3781569	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171	ALL	401748.9	3781569	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172	ALL	401768.9	3781569	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173	ALL	401788.9	3781569	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174	ALL	401808.9	3781569	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175	ALL	401828.9	3781569	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176	ALL	401848.9	3781569	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177	ALL	401868.9	3781569	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178	ALL	401888.9	3781569	3.10E-06	1.333333Y	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179	ALL	401908.9	3781569	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180	ALL	401928.9	3781569	3.14E-06	1.333333Y	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181	ALL	401948.9	3781569	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182	ALL	401968.9	3781569	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2183	ALL	401988.9	3781569	3.03E-06	1.333333Y	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2184 ALL	402008.9	3781569	2.91E-06	1.333333Y	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185 ALL	402028.9	3781569	2.79E-06	1.333333Y	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186 ALL	402048.9	3781569	2.65E-06	1.333333Y	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187 ALL	402068.9	3781569	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188 ALL	402088.9	3781569	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189 ALL	402108.9	3781569	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190 ALL	402128.9	3781569	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191 ALL	402148.9	3781569	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192 ALL	402168.9	3781569	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193 ALL	402188.9	3781569	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194 ALL	402208.9	3781569	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195 ALL	402228.9	3781569	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196 ALL	402248.9	3781569	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197 ALL	402268.9	3781569	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198 ALL	402288.9	3781569	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199 ALL	402308.9	3781569	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200 ALL	402328.9	3781569	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201 ALL	402348.9	3781569	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202 ALL	402368.9	3781569	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203 ALL	402388.9	3781569	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204 ALL	402408.9	3781569	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205 ALL	402428.9	3781569	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2206 ALL	402448.9	3781569	9.71E-07	1.333333Y	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2207 ALL	402468.9	3781569	9.34E-07	1.333333Y	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208 ALL	402488.9	3781569	9.44E-07	1.333333Y	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209 ALL	402508.9	3781569	9.23E-07	1.333333Y	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210 ALL	401308.9	3781589	2.81E-07	1.333333Y	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211 ALL	401328.9	3781589	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212 ALL	401348.9	3781589	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213 ALL	401368.9	3781589	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214 ALL	401388.9	3781589	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215 ALL	401408.9	3781589	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216 ALL	401428.9	3781589	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217 ALL	401448.9	3781589	4.31E-07	1.333333Y	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218 ALL	401468.9	3781589	4.63E-07	1.333333Y	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219 ALL	401488.9	3781589	4.97E-07	1.333333Y	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220 ALL	401508.9	3781589	5.37E-07	1.333333Y	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221 ALL	401528.9	3781589	5.80E-07	1.333333Y	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2222 ALL	401548.9	3781589	6.28E-07	1.333333Y	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223 ALL	401568.9	3781589	6.83E-07	1.333333Y	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224 ALL	401588.9	3781589	7.46E-07	1.333333Y	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225 ALL	401608.9	3781589	8.17E-07	1.333333Y	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226 ALL	401628.9	3781589	8.99E-07	1.333333Y	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227 ALL	401648.9	3781589	9.96E-07	1.333333Y	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228 ALL	401668.9	3781589	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229 ALL	401688.9	3781589	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230 ALL	401708.9	3781589	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231 ALL	401728.9	3781589	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232 ALL	401748.9	3781589	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233 ALL	401768.9	3781589	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234 ALL	401788.9	3781589	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235 ALL	401808.9	3781589	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236 ALL	401828.9	3781589	3.62E-06	1.333333Y	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237 ALL	401848.9	3781589	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238 ALL	401868.9	3781589	4.08E-06	1.333333Y	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2239 ALL	401888.9	3781589	4.25E-06	1.333333Y	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240 ALL	401908.9	3781589	4.29E-06	1.333333Y	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241 ALL	401928.9	3781589	4.27E-06	1.333333Y	4.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242 ALL	401948.9	3781589	4.28E-06	1.333333Y	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243 ALL	401968.9	3781589	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244 ALL	401988.9	3781589	4.12E-06	1.333333Y	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245 ALL	402008.9	3781589	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246 ALL	402028.9	3781589	3.79E-06	1.333333Y	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247 ALL	402048.9	3781589	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248 ALL	402068.9	3781589	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249 ALL	402088.9	3781589	2.91E-06	1.333333Y	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250 ALL	402108.9	3781589	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2251 ALL	402128.9	3781589	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252 ALL	402148.9	3781589	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253 ALL	402168.9	3781589	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254 ALL	402188.9	3781589	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2255 ALL	402208.9	3781589	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256 ALL	402228.9	3781589	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257 ALL	402248.9	3781589	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258 ALL	402268.9	3781589	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259 ALL	402288.9	3781589	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260 ALL	402308.9	3781589	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261 ALL	402328.9	3781589	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262 ALL	402348.9	3781589	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263 ALL	402368.9	3781589	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264 ALL	402388.9	3781589	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265 ALL	402408.9	3781589	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266 ALL	402428.9	3781589	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267 ALL	402448.9	3781589	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268 ALL	402468.9	3781589	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269 ALL	402488.9	3781589	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270 ALL	402508.9	3781589	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271 ALL	401308.9	3781609	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272 ALL	401328.9	3781609	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273 ALL	401348.9	3781609	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274 ALL	401368.9	3781609	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2275 ALL	401388.9	3781609	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276 ALL	401408.9	3781609	3.79E-07	1.333333Y	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277 ALL	401428.9	3781609	4.06E-07	1.333333Y	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278 ALL	401448.9	3781609	4.37E-07	1.333333Y	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279 ALL	401468.9	3781609	4.70E-07	1.333333Y	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280 ALL	401488.9	3781609	5.05E-07	1.333333Y	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281 ALL	401508.9	3781609	5.48E-07	1.333333Y	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282 ALL	401528.9	3781609	5.95E-07	1.333333Y	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283 ALL	401548.9	3781609	6.48E-07	1.333333Y	6.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284 ALL	401568.9	3781609	7.08E-07	1.333333Y	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285 ALL	401588.9	3781609	7.76E-07	1.333333Y	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286 ALL	401608.9	3781609	8.54E-07	1.333333Y	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287 ALL	401628.9	3781609	9.46E-07	1.333333Y	9.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288 ALL	401648.9	3781609	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289 ALL	401668.9	3781609	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290 ALL	401688.9	3781609	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291 ALL	401708.9	3781609	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292 ALL	401728.9	3781609	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293 ALL	401748.9	3781609	2.17E-06	1.333333Y	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294 ALL	401768.9	3781609	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2295 ALL	401788.9	3781609	3.53E-06	1.333333Y	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2296 ALL	401808.9	3781609	4.77E-06	1.333333Y	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297 ALL	401828.9	3781609	5.65E-06	1.333333Y	5.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298 ALL	401848.9	3781609	6.19E-06	1.333333Y	6.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299 ALL	401868.9	3781609	6.46E-06	1.333333Y	6.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300 ALL	401888.9	3781609	6.71E-06	1.333333Y	6.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301 ALL	401908.9	3781609	6.85E-06	1.333333Y	6.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302 ALL	401928.9	3781609	6.77E-06	1.333333Y	6.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2303 ALL	401948.9	3781609	6.76E-06	1.333333Y	6.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304 ALL	401968.9	3781609	6.65E-06	1.333333Y	6.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305 ALL	401988.9	3781609	6.54E-06	1.333333Y	6.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306 ALL	402008.9	3781609	6.31E-06	1.333333Y	6.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307 ALL	402028.9	3781609	6.01E-06	1.333333Y	6.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308 ALL	402048.9	3781609	5.69E-06	1.333333Y	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309 ALL	402068.9	3781609	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310 ALL	402088.9	3781609	4.49E-06	1.333333Y	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311 ALL	402108.9	3781609	3.45E-06	1.333333Y	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312 ALL	402128.9	3781609	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313 ALL	402148.9	3781609	2.93E-06	1.333333Y	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314 ALL	402168.9	3781609	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315 ALL	402188.9	3781609	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316 ALL	402208.9	3781609	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317 ALL	402228.9	3781609	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318 ALL	402248.9	3781609	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319 ALL	402268.9	3781609	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320 ALL	402288.9	3781609	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321 ALL	402308.9	3781609	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322 ALL	402328.9	3781609	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2323 ALL	402348.9	3781609	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324 ALL	402368.9	3781609	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325 ALL	402388.9	3781609	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326 ALL	402408.9	3781609	9.75E-07	1.333333Y	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327 ALL	402428.9	3781609	9.42E-07	1.333333Y	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328 ALL	402448.9	3781609	9.17E-07	1.333333Y	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329 ALL	402468.9	3781609	8.90E-07	1.333333Y	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330 ALL	402488.9	3781609	8.64E-07	1.333333Y	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331 ALL	402508.9	3781609	8.36E-07	1.333333Y	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332 ALL	401308.9	3781629	2.81E-07	1.333333Y	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333 ALL	401328.9	3781629	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334 ALL	401348.9	3781629	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335 ALL	401368.9	3781629	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336 ALL	401388.9	3781629	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337 ALL	401408.9	3781629	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338 ALL	401428.9	3781629	4.09E-07	1.333333Y	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339 ALL	401448.9	3781629	4.40E-07	1.333333Y	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340 ALL	401468.9	3781629	4.75E-07	1.333333Y	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2341 ALL	401488.9	3781629	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342 ALL	401508.9	3781629	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343 ALL	401528.9	3781629	6.07E-07	1.333333Y	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344 ALL	401548.9	3781629	6.65E-07	1.333333Y	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345 ALL	401568.9	3781629	7.29E-07	1.333333Y	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346 ALL	401588.9	3781629	8.03E-07	1.333333Y	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347 ALL	401608.9	3781629	8.90E-07	1.333333Y	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348 ALL	401628.9	3781629	9.90E-07	1.333333Y	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349 ALL	401648.9	3781629	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350 ALL	401668.9	3781629	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2351 ALL	401688.9	3781629	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352 ALL	401708.9	3781629	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353 ALL	401728.9	3781629	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354 ALL	401748.9	3781629	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355 ALL	401768.9	3781629	3.23E-06	1.333333Y	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356 ALL	401788.9	3781629	4.86E-06	1.333333Y	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357 ALL	402128.9	3781629	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358 ALL	402148.9	3781629	2.73E-06	1.333333Y	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359 ALL	402168.9	3781629	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360 ALL	402188.9	3781629	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361 ALL	402208.9	3781629	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362 ALL	402228.9	3781629	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363 ALL	402248.9	3781629	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364 ALL	402268.9	3781629	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365 ALL	402288.9	3781629	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2366 ALL	402308.9	3781629	9.31E-07	1.333333Y	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367 ALL	402328.9	3781629	8.72E-07	1.333333Y	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368 ALL	402348.9	3781629	8.93E-07	1.333333Y	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369 ALL	402368.9	3781629	8.47E-07	1.333333Y	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370 ALL	402388.9	3781629	7.73E-07	1.333333Y	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371 ALL	402408.9	3781629	7.32E-07	1.333333Y	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372 ALL	402428.9	3781629	7.37E-07	1.333333Y	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373 ALL	402448.9	3781629	7.13E-07	1.333333Y	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374 ALL	402468.9	3781629	6.88E-07	1.333333Y	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375 ALL	402488.9	3781629	6.66E-07	1.333333Y	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376 ALL	402508.9	3781629	6.43E-07	1.333333Y	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377 ALL	401308.9	3781649	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378 ALL	401328.9	3781649	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379 ALL	401348.9	3781649	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380 ALL	401368.9	3781649	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381 ALL	401388.9	3781649	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382 ALL	401408.9	3781649	3.82E-07	1.333333Y	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383 ALL	401428.9	3781649	4.11E-07	1.333333Y	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384 ALL	401448.9	3781649	4.42E-07	1.333333Y	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385 ALL	401468.9	3781649	4.78E-07	1.333333Y	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2386 ALL	401488.9	3781649	5.19E-07	1.333333Y	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387 ALL	401508.9	3781649	5.65E-07	1.333333Y	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388 ALL	401528.9	3781649	6.18E-07	1.333333Y	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389 ALL	401548.9	3781649	6.78E-07	1.333333Y	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390 ALL	401568.9	3781649	7.46E-07	1.333333Y	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391 ALL	401588.9	3781649	8.25E-07	1.333333Y	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392 ALL	401608.9	3781649	9.18E-07	1.333333Y	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393 ALL	401628.9	3781649	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394 ALL	401648.9	3781649	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395 ALL	401668.9	3781649	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396 ALL	401688.9	3781649	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397 ALL	401708.9	3781649	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398 ALL	401728.9	3781649	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2399 ALL	401748.9	3781649	2.74E-06	1.333333Y	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400 ALL	401768.9	3781649	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401 ALL	401788.9	3781649	5.79E-06	1.333333Y	5.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402 ALL	402108.9	3781649	5.22E-06	1.333333Y	5.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403 ALL	402128.9	3781649	3.47E-06	1.333333Y	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404 ALL	402148.9	3781649	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405 ALL	402168.9	3781649	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406 ALL	402188.9	3781649	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2407 ALL	402208.9	3781649	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408 ALL	402228.9	3781649	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409 ALL	402248.9	3781649	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410 ALL	402268.9	3781649	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411 ALL	402288.9	3781649	9.79E-07	1.333333Y	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412 ALL	402308.9	3781649	8.98E-07	1.333333Y	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413 ALL	402328.9	3781649	8.51E-07	1.333333Y	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414 ALL	402348.9	3781649	8.18E-07	1.333333Y	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415 ALL	402368.9	3781649	7.71E-07	1.333333Y	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416 ALL	402388.9	3781649	7.01E-07	1.333333Y	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417 ALL	402408.9	3781649	6.58E-07	1.333333Y	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418 ALL	402428.9	3781649	6.49E-07	1.333333Y	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419 ALL	402448.9	3781649	6.23E-07	1.333333Y	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420 ALL	402468.9	3781649	6.03E-07	1.333333Y	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421 ALL	402488.9	3781649	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422 ALL	402508.9	3781649	5.65E-07	1.333333Y	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423 ALL	401308.9	3781669	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2424 ALL	401328.9	3781669	2.93E-07	1.333333Y	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425 ALL	401348.9	3781669	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426 ALL	401368.9	3781669	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427 ALL	401388.9	3781669	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428 ALL	401408.9	3781669	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429 ALL	401428.9	3781669	4.09E-07	1.333333Y	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430 ALL	401448.9	3781669	4.41E-07	1.333333Y	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2431 ALL	401468.9	3781669	4.79E-07	1.333333Y	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432 ALL	401488.9	3781669	5.21E-07	1.333333Y	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433 ALL	401508.9	3781669	5.70E-07	1.333333Y	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434 ALL	401528.9	3781669	6.23E-07	1.333333Y	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435 ALL	401548.9	3781669	6.87E-07	1.333333Y	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436 ALL	401568.9	3781669	7.57E-07	1.333333Y	7.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437 ALL	401588.9	3781669	8.41E-07	1.333333Y	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438 ALL	401608.9	3781669	9.39E-07	1.333333Y	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439 ALL	401628.9	3781669	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2440 ALL	401648.9	3781669	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2441 ALL	401668.9	3781669	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2442 ALL	401688.9	3781669	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2443 ALL	401708.9	3781669	1.91E-06	1.333333Y	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2444 ALL	401728.9	3781669	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2445 ALL	401748.9	3781669	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2446 ALL	401768.9	3781669	4.02E-06	1.333333Y	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2447 ALL	401788.9	3781669	6.33E-06	1.333333Y	6.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2448 ALL	402108.9	3781669	5.01E-06	1.333333Y	5.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2449 ALL	402128.9	3781669	3.34E-06	1.333333Y	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2450 ALL	402148.9	3781669	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2451 ALL	402168.9	3781669	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2452 ALL	402188.9	3781669	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2453 ALL	402208.9	3781669	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2454 ALL	402228.9	3781669	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2455 ALL	402248.9	3781669	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2456 ALL	402268.9	3781669	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2457	ALL	402288.9	3781669	9.75E-07	1.333333Y	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2458	ALL	402308.9	3781669	8.92E-07	1.333333Y	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2459	ALL	402328.9	3781669	8.23E-07	1.333333Y	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2460	ALL	402348.9	3781669	7.75E-07	1.333333Y	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2461	ALL	402368.9	3781669	7.29E-07	1.333333Y	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2462	ALL	402388.9	3781669	6.81E-07	1.333333Y	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2463	ALL	402408.9	3781669	6.34E-07	1.333333Y	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2464	ALL	402428.9	3781669	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2465	ALL	402448.9	3781669	5.82E-07	1.333333Y	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2466	ALL	402468.9	3781669	5.58E-07	1.333333Y	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2467	ALL	402488.9	3781669	5.36E-07	1.333333Y	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2468	ALL	402508.9	3781669	5.18E-07	1.333333Y	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2469	ALL	401308.9	3781689	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2470	ALL	401328.9	3781689	2.92E-07	1.333333Y	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2471	ALL	401348.9	3781689	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2472	ALL	401368.9	3781689	3.29E-07	1.333333Y	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2473	ALL	401388.9	3781689	3.53E-07	1.333333Y	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2474	ALL	401408.9	3781689	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2475	ALL	401428.9	3781689	4.10E-07	1.333333Y	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2476	ALL	401448.9	3781689	4.43E-07	1.333333Y	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2477	ALL	401468.9	3781689	4.81E-07	1.333333Y	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2478	ALL	401488.9	3781689	5.24E-07	1.333333Y	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2479	ALL	401508.9	3781689	5.74E-07	1.333333Y	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2480	ALL	401528.9	3781689	6.29E-07	1.333333Y	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2481	ALL	401548.9	3781689	6.93E-07	1.333333Y	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2482	ALL	401568.9	3781689	7.67E-07	1.333333Y	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2483	ALL	401588.9	3781689	8.54E-07	1.333333Y	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2484	ALL	401608.9	3781689	9.56E-07	1.333333Y	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2485	ALL	401628.9	3781689	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2486	ALL	401648.9	3781689	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2487	ALL	401668.9	3781689	1.42E-06	1.333333Y	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2488	ALL	401688.9	3781689	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2489	ALL	401708.9	3781689	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2490	ALL	401728.9	3781689	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2491	ALL	401748.9	3781689	3.09E-06	1.333333Y	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2492	ALL	401768.9	3781689	4.21E-06	1.333333Y	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2493	ALL	401788.9	3781689	6.62E-06	1.333333Y	6.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2494	ALL	402088.9	3781689	6.93E-06	1.333333Y	6.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2495	ALL	402108.9	3781689	4.44E-06	1.333333Y	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2496	ALL	402128.9	3781689	3.21E-06	1.333333Y	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2497	ALL	402148.9	3781689	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2498	ALL	402168.9	3781689	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2499	ALL	402188.9	3781689	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2500	ALL	402208.9	3781689	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2501	ALL	402228.9	3781689	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502	ALL	402248.9	3781689	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503	ALL	402268.9	3781689	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504	ALL	402288.9	3781689	9.85E-07	1.333333Y	9.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505	ALL	402308.9	3781689	8.98E-07	1.333333Y	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506	ALL	402328.9	3781689	8.17E-07	1.333333Y	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507	ALL	402348.9	3781689	7.52E-07	1.333333Y	7.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508	ALL	402368.9	3781689	7.06E-07	1.333333Y	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509	ALL	402388.9	3781689	6.58E-07	1.333333Y	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510	ALL	402408.9	3781689	6.19E-07	1.333333Y	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511	ALL	402428.9	3781689	5.87E-07	1.333333Y	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512	ALL	402448.9	3781689	5.58E-07	1.333333Y	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513	ALL	402468.9	3781689	5.33E-07	1.333333Y	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514	ALL	402488.9	3781689	5.10E-07	1.333333Y	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515	ALL	402508.9	3781689	4.90E-07	1.333333Y	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516	ALL	401308.9	3781709	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517	ALL	401328.9	3781709	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518	ALL	401348.9	3781709	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2519	ALL	401368.9	3781709	3.17E-07	1.333333Y	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520	ALL	401388.9	3781709	3.41E-07	1.333333Y	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521	ALL	401408.9	3781709	3.67E-07	1.333333Y	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522	ALL	401428.9	3781709	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523	ALL	401448.9	3781709	4.31E-07	1.333333Y	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524	ALL	401468.9	3781709	4.69E-07	1.333333Y	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2525	ALL	401488.9	3781709	5.13E-07	1.333333Y	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526	ALL	401508.9	3781709	5.63E-07	1.333333Y	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527	ALL	401528.9	3781709	6.26E-07	1.333333Y	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528	ALL	401548.9	3781709	6.95E-07	1.333333Y	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529	ALL	401568.9	3781709	7.71E-07	1.333333Y	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530	ALL	401588.9	3781709	8.61E-07	1.333333Y	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531	ALL	401608.9	3781709	9.64E-07	1.333333Y	9.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532	ALL	401628.9	3781709	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533	ALL	401648.9	3781709	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534	ALL	401668.9	3781709	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535	ALL	401688.9	3781709	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536	ALL	401708.9	3781709	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537	ALL	401728.9	3781709	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538	ALL	401748.9	3781709	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539	ALL	401768.9	3781709	4.28E-06	1.333333Y	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540	ALL	401788.9	3781709	6.78E-06	1.333333Y	6.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541	ALL	402088.9	3781709	5.87E-06	1.333333Y	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542	ALL	402108.9	3781709	4.05E-06	1.333333Y	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2543	ALL	402128.9	3781709	3.09E-06	1.333333Y	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544	ALL	402148.9	3781709	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545	ALL	402168.9	3781709	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546	ALL	402188.9	3781709	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547	ALL	402208.9	3781709	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2548 ALL	402228.9	3781709	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549 ALL	402248.9	3781709	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550 ALL	402268.9	3781709	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551 ALL	402288.9	3781709	9.97E-07	1.333333Y	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552 ALL	402308.9	3781709	9.14E-07	1.333333Y	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553 ALL	402328.9	3781709	8.33E-07	1.333333Y	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554 ALL	402348.9	3781709	7.44E-07	1.333333Y	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555 ALL	402368.9	3781709	6.91E-07	1.333333Y	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556 ALL	402388.9	3781709	6.49E-07	1.333333Y	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557 ALL	402408.9	3781709	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558 ALL	402428.9	3781709	5.75E-07	1.333333Y	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559 ALL	402448.9	3781709	5.45E-07	1.333333Y	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560 ALL	402468.9	3781709	5.18E-07	1.333333Y	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561 ALL	402488.9	3781709	4.95E-07	1.333333Y	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562 ALL	402508.9	3781709	4.74E-07	1.333333Y	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563 ALL	401308.9	3781729	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564 ALL	401328.9	3781729	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565 ALL	401348.9	3781729	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566 ALL	401368.9	3781729	3.16E-07	1.333333Y	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567 ALL	401388.9	3781729	3.39E-07	1.333333Y	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568 ALL	401408.9	3781729	3.66E-07	1.333333Y	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569 ALL	401428.9	3781729	3.96E-07	1.333333Y	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570 ALL	401448.9	3781729	4.29E-07	1.333333Y	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571 ALL	401468.9	3781729	4.68E-07	1.333333Y	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572 ALL	401488.9	3781729	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573 ALL	401508.9	3781729	5.63E-07	1.333333Y	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574 ALL	401528.9	3781729	6.26E-07	1.333333Y	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575 ALL	401548.9	3781729	6.94E-07	1.333333Y	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576 ALL	401568.9	3781729	7.70E-07	1.333333Y	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577 ALL	401588.9	3781729	8.61E-07	1.333333Y	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578 ALL	401608.9	3781729	9.63E-07	1.333333Y	9.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579 ALL	401628.9	3781729	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580 ALL	401648.9	3781729	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581 ALL	401668.9	3781729	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582 ALL	401688.9	3781729	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583 ALL	401708.9	3781729	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584 ALL	401728.9	3781729	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585 ALL	401748.9	3781729	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586 ALL	401768.9	3781729	4.32E-06	1.333333Y	4.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587 ALL	401788.9	3781729	6.84E-06	1.333333Y	6.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588 ALL	402088.9	3781729	5.08E-06	1.333333Y	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589 ALL	402108.9	3781729	3.72E-06	1.333333Y	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590 ALL	402128.9	3781729	2.93E-06	1.333333Y	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2591 ALL	402148.9	3781729	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592 ALL	402168.9	3781729	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593 ALL	402188.9	3781729	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594 ALL	402208.9	3781729	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2595 ALL	402228.9	3781729	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596 ALL	402248.9	3781729	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597 ALL	402268.9	3781729	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598 ALL	402288.9	3781729	9.91E-07	1.333333Y	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599 ALL	402308.9	3781729	9.27E-07	1.333333Y	9.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600 ALL	402328.9	3781729	8.29E-07	1.333333Y	8.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601 ALL	402348.9	3781729	7.53E-07	1.333333Y	7.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602 ALL	402368.9	3781729	6.87E-07	1.333333Y	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603 ALL	402388.9	3781729	6.46E-07	1.333333Y	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604 ALL	402408.9	3781729	6.02E-07	1.333333Y	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605 ALL	402428.9	3781729	5.69E-07	1.333333Y	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606 ALL	402448.9	3781729	5.39E-07	1.333333Y	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607 ALL	402468.9	3781729	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608 ALL	402488.9	3781729	4.87E-07	1.333333Y	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609 ALL	402508.9	3781729	4.65E-07	1.333333Y	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610 ALL	401308.9	3781749	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611 ALL	401328.9	3781749	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2612 ALL	401348.9	3781749	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2613 ALL	401368.9	3781749	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2614 ALL	401388.9	3781749	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2615 ALL	401408.9	3781749	3.60E-07	1.333333Y	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2616 ALL	401428.9	3781749	3.89E-07	1.333333Y	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2617 ALL	401448.9	3781749	4.25E-07	1.333333Y	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2618 ALL	401468.9	3781749	4.61E-07	1.333333Y	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2619 ALL	401488.9	3781749	5.04E-07	1.333333Y	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2620 ALL	401508.9	3781749	5.56E-07	1.333333Y	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2621 ALL	401528.9	3781749	6.18E-07	1.333333Y	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2622 ALL	401548.9	3781749	6.88E-07	1.333333Y	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2623 ALL	401568.9	3781749	7.62E-07	1.333333Y	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2624 ALL	401588.9	3781749	8.52E-07	1.333333Y	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2625 ALL	401608.9	3781749	9.50E-07	1.333333Y	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2626 ALL	401628.9	3781749	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2627 ALL	401648.9	3781749	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2628 ALL	401668.9	3781749	1.42E-06	1.333333Y	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2629 ALL	401688.9	3781749	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2630 ALL	401708.9	3781749	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2631 ALL	401728.9	3781749	2.46E-06	1.333333Y	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2632 ALL	401748.9	3781749	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2633 ALL	401768.9	3781749	4.27E-06	1.333333Y	4.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2634 ALL	401788.9	3781749	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2635 ALL	402068.9	3781749	6.84E-06	1.333333Y	6.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2636 ALL	402088.9	3781749	4.54E-06	1.333333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2637 ALL	402108.9	3781749	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2638 ALL	402128.9	3781749	2.79E-06	1.333333Y	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2639 ALL	402148.9	3781749	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2640 ALL	402168.9	3781749	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2641 ALL	402188.9	3781749	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2642 ALL	402208.9	3781749	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2643 ALL	402228.9	3781749	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2644 ALL	402248.9	3781749	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2645 ALL	402268.9	3781749	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2646 ALL	402288.9	3781749	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2647 ALL	402308.9	3781749	9.33E-07	1.333333Y	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2648 ALL	402328.9	3781749	8.60E-07	1.333333Y	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2649 ALL	402348.9	3781749	7.65E-07	1.333333Y	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2650 ALL	402368.9	3781749	7.02E-07	1.333333Y	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2651 ALL	402388.9	3781749	6.51E-07	1.333333Y	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2652 ALL	402408.9	3781749	6.08E-07	1.333333Y	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2653 ALL	402428.9	3781749	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2654 ALL	402448.9	3781749	5.48E-07	1.333333Y	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2655 ALL	402468.9	3781749	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2656 ALL	402488.9	3781749	4.88E-07	1.333333Y	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2657 ALL	402508.9	3781749	4.63E-07	1.333333Y	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2658 ALL	401308.9	3781769	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2659 ALL	401328.9	3781769	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2660 ALL	401348.9	3781769	2.85E-07	1.333333Y	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2661 ALL	401368.9	3781769	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2662 ALL	401388.9	3781769	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2663 ALL	401408.9	3781769	3.52E-07	1.333333Y	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2664 ALL	401428.9	3781769	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2665 ALL	401448.9	3781769	4.14E-07	1.333333Y	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2666 ALL	401468.9	3781769	4.50E-07	1.333333Y	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667 ALL	401488.9	3781769	4.91E-07	1.333333Y	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2668 ALL	401508.9	3781769	5.44E-07	1.333333Y	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2669 ALL	401528.9	3781769	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2670 ALL	401548.9	3781769	6.75E-07	1.333333Y	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2671 ALL	401568.9	3781769	7.50E-07	1.333333Y	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2672 ALL	401588.9	3781769	8.35E-07	1.333333Y	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2673 ALL	401608.9	3781769	9.35E-07	1.333333Y	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2674 ALL	401628.9	3781769	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2675 ALL	401648.9	3781769	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2676 ALL	401668.9	3781769	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2677 ALL	401688.9	3781769	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2678 ALL	401708.9	3781769	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2679 ALL	401728.9	3781769	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2680 ALL	401748.9	3781769	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2681 ALL	401768.9	3781769	4.19E-06	1.333333Y	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2682 ALL	401788.9	3781769	6.74E-06	1.333333Y	6.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2683 ALL	402068.9	3781769	5.86E-06	1.333333Y	5.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2684 ALL	402088.9	3781769	4.10E-06	1.333333Y	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2685 ALL	402108.9	3781769	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2686 ALL	402128.9	3781769	2.57E-06	1.333333Y	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2687 ALL	402148.9	3781769	2.15E-06	1.333333Y	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2688 ALL	402168.9	3781769	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2689 ALL	402188.9	3781769	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2690 ALL	402208.9	3781769	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2691 ALL	402228.9	3781769	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2692 ALL	402248.9	3781769	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2693 ALL	402268.9	3781769	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2694 ALL	402288.9	3781769	1.00E-06	1.333333Y	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2695 ALL	402308.9	3781769	9.29E-07	1.333333Y	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2696 ALL	402328.9	3781769	8.60E-07	1.333333Y	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2697 ALL	402348.9	3781769	7.99E-07	1.333333Y	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2698 ALL	402368.9	3781769	7.33E-07	1.333333Y	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2699 ALL	402388.9	3781769	6.73E-07	1.333333Y	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2700 ALL	402408.9	3781769	6.30E-07	1.333333Y	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2701 ALL	402428.9	3781769	5.92E-07	1.333333Y	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2702 ALL	402448.9	3781769	5.48E-07	1.333333Y	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2703 ALL	402468.9	3781769	5.13E-07	1.333333Y	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2704 ALL	402488.9	3781769	4.87E-07	1.333333Y	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2705 ALL	402508.9	3781769	4.62E-07	1.333333Y	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2706 ALL	401308.9	3781789	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2707 ALL	401328.9	3781789	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2708 ALL	401348.9	3781789	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2709 ALL	401368.9	3781789	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2710 ALL	401388.9	3781789	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2711 ALL	401408.9	3781789	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2712 ALL	401428.9	3781789	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2713 ALL	401448.9	3781789	3.90E-07	1.333333Y	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2714 ALL	401468.9	3781789	4.26E-07	1.333333Y	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2715 ALL	401488.9	3781789	4.65E-07	1.333333Y	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2716 ALL	401508.9	3781789	5.17E-07	1.333333Y	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2717 ALL	401528.9	3781789	5.86E-07	1.333333Y	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2718 ALL	401548.9	3781789	6.56E-07	1.333333Y	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2719 ALL	401568.9	3781789	7.30E-07	1.333333Y	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2720 ALL	401588.9	3781789	8.08E-07	1.333333Y	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2721 ALL	401608.9	3781789	9.02E-07	1.333333Y	9.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2722 ALL	401628.9	3781789	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2723 ALL	401648.9	3781789	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2724 ALL	401668.9	3781789	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2725 ALL	401688.9	3781789	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2726 ALL	401708.9	3781789	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2727 ALL	401728.9	3781789	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2728 ALL	401748.9	3781789	2.74E-06	1.333333Y	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2729 ALL	401768.9	3781789	4.01E-06	1.333333Y	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2730 ALL	401788.9	3781789	6.56E-06	1.333333Y	6.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2731 ALL	402068.9	3781789	5.18E-06	1.333333Y	5.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2732 ALL	402088.9	3781789	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2733 ALL	402108.9	3781789	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2734 ALL	402128.9	3781789	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2735 ALL	402148.9	3781789	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2736 ALL	402168.9	3781789	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2737 ALL	402188.9	3781789	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2738 ALL	402208.9	3781789	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2739 ALL	402228.9	3781789	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2740 ALL	402248.9	3781789	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2741 ALL	402268.9	3781789	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2742 ALL	402288.9	3781789	9.90E-07	1.333333Y	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2743 ALL	402308.9	3781789	9.16E-07	1.333333Y	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2744 ALL	402328.9	3781789	8.51E-07	1.333333Y	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2745 ALL	402348.9	3781789	7.95E-07	1.333333Y	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2746 ALL	402368.9	3781789	7.31E-07	1.333333Y	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2747 ALL	402388.9	3781789	6.65E-07	1.333333Y	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2748 ALL	402408.9	3781789	6.24E-07	1.333333Y	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2749 ALL	402428.9	3781789	5.86E-07	1.333333Y	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2750 ALL	402448.9	3781789	5.47E-07	1.333333Y	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2751 ALL	402468.9	3781789	5.15E-07	1.333333Y	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2752 ALL	402488.9	3781789	4.94E-07	1.333333Y	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2753 ALL	402508.9	3781789	4.70E-07	1.333333Y	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2754 ALL	401308.9	3781809	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2755 ALL	401328.9	3781809	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2756 ALL	401348.9	3781809	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2757 ALL	401368.9	3781809	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2758 ALL	401388.9	3781809	2.89E-07	1.333333Y	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2759 ALL	401408.9	3781809	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2760 ALL	401428.9	3781809	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2761 ALL	401448.9	3781809	3.73E-07	1.333333Y	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2762 ALL	401468.9	3781809	4.08E-07	1.333333Y	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2763 ALL	401488.9	3781809	4.47E-07	1.333333Y	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2764 ALL	401508.9	3781809	4.95E-07	1.333333Y	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2765 ALL	401528.9	3781809	5.66E-07	1.333333Y	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2766 ALL	401548.9	3781809	6.33E-07	1.333333Y	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2767 ALL	401568.9	3781809	6.97E-07	1.333333Y	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2768 ALL	401588.9	3781809	7.73E-07	1.333333Y	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2769 ALL	401608.9	3781809	8.63E-07	1.333333Y	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2770 ALL	401628.9	3781809	9.58E-07	1.333333Y	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2771 ALL	401648.9	3781809	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2772 ALL	401668.9	3781809	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2773 ALL	401688.9	3781809	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2774 ALL	401708.9	3781809	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2775 ALL	401728.9	3781809	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2776 ALL	401748.9	3781809	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2777 ALL	401768.9	3781809	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2778 ALL	401788.9	3781809	6.26E-06	1.333333Y	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2779 ALL	402068.9	3781809	4.62E-06	1.333333Y	4.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2780 ALL	402088.9	3781809	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2781 ALL	402108.9	3781809	2.71E-06	1.333333Y	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2782 ALL	402128.9	3781809	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2783 ALL	402148.9	3781809	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2784 ALL	402168.9	3781809	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2785 ALL	402188.9	3781809	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2786 ALL	402208.9	3781809	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2787 ALL	402228.9	3781809	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2788 ALL	402248.9	3781809	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2789 ALL	402268.9	3781809	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2790 ALL	402288.9	3781809	9.63E-07	1.333333Y	9.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2791 ALL	402308.9	3781809	8.96E-07	1.333333Y	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2792 ALL	402328.9	3781809	8.36E-07	1.333333Y	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2793 ALL	402348.9	3781809	7.85E-07	1.333333Y	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2794 ALL	402368.9	3781809	7.19E-07	1.333333Y	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2795 ALL	402388.9	3781809	6.55E-07	1.333333Y	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2796 ALL	402408.9	3781809	6.16E-07	1.333333Y	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2797 ALL	402428.9	3781809	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2798 ALL	402448.9	3781809	5.51E-07	1.333333Y	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2799 ALL	402468.9	3781809	5.17E-07	1.333333Y	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2800 ALL	402488.9	3781809	4.99E-07	1.333333Y	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2801 ALL	402508.9	3781809	4.76E-07	1.333333Y	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2802 ALL	401308.9	3781829	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2803 ALL	401328.9	3781829	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2804 ALL	401348.9	3781829	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2805 ALL	401368.9	3781829	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2806 ALL	401388.9	3781829	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2807 ALL	401408.9	3781829	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2808 ALL	401428.9	3781829	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2809 ALL	401448.9	3781829	3.61E-07	1.333333Y	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2810 ALL	401468.9	3781829	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2811 ALL	401488.9	3781829	4.38E-07	1.333333Y	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2812 ALL	401508.9	3781829	4.85E-07	1.333333Y	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2813 ALL	401528.9	3781829	5.43E-07	1.333333Y	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2814 ALL	401548.9	3781829	6.06E-07	1.333333Y	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2815 ALL	401568.9	3781829	6.73E-07	1.333333Y	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2816 ALL	401588.9	3781829	7.37E-07	1.333333Y	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2817 ALL	401608.9	3781829	7.77E-07	1.333333Y	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2818 ALL	401628.9	3781829	8.35E-07	1.333333Y	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2819 ALL	401648.9	3781829	9.49E-07	1.333333Y	9.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2820 ALL	401668.9	3781829	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2821 ALL	401688.9	3781829	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2822 ALL	401708.9	3781829	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2823 ALL	401728.9	3781829	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2824 ALL	401748.9	3781829	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2825 ALL	401768.9	3781829	3.37E-06	1.333333Y	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2826 ALL	401788.9	3781829	5.83E-06	1.333333Y	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2827 ALL	402068.9	3781829	3.73E-06	1.333333Y	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2828 ALL	402088.9	3781829	2.85E-06	1.333333Y	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2829 ALL	402108.9	3781829	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2830 ALL	402128.9	3781829	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2831 ALL	402148.9	3781829	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2832 ALL	402168.9	3781829	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2833 ALL	402188.9	3781829	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2834 ALL	402208.9	3781829	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2835 ALL	402228.9	3781829	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2836 ALL	402248.9	3781829	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2837 ALL	402268.9	3781829	9.99E-07	1.333333Y	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2838 ALL	402288.9	3781829	9.30E-07	1.333333Y	9.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2839 ALL	402308.9	3781829	8.68E-07	1.333333Y	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2840 ALL	402328.9	3781829	8.12E-07	1.333333Y	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2841 ALL	402348.9	3781829	7.64E-07	1.333333Y	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2842 ALL	402368.9	3781829	7.25E-07	1.333333Y	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2843 ALL	402388.9	3781829	6.53E-07	1.333333Y	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2844 ALL	402408.9	3781829	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2845 ALL	402428.9	3781829	5.86E-07	1.333333Y	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2846 ALL	402448.9	3781829	5.55E-07	1.333333Y	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2847 ALL	402468.9	3781829	5.22E-07	1.333333Y	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2848 ALL	402488.9	3781829	5.02E-07	1.333333Y	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2849 ALL	402508.9	3781829	4.78E-07	1.333333Y	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2850 ALL	401308.9	3781849	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2851 ALL	401328.9	3781849	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2852 ALL	401348.9	3781849	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2853 ALL	401368.9	3781849	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2854 ALL	401388.9	3781849	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2855 ALL	401408.9	3781849	2.90E-07	1.333333Y	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2856 ALL	401428.9	3781849	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2857 ALL	401448.9	3781849	3.42E-07	1.333333Y	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2858 ALL	401468.9	3781849	3.72E-07	1.333333Y	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2859 ALL	401488.9	3781849	4.16E-07	1.333333Y	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2860 ALL	401508.9	3781849	4.57E-07	1.333333Y	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2861 ALL	401528.9	3781849	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2862 ALL	401548.9	3781849	5.75E-07	1.333333Y	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2863 ALL	401568.9	3781849	6.14E-07	1.333333Y	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2864 ALL	401588.9	3781849	6.45E-07	1.333333Y	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2865 ALL	401608.9	3781849	7.12E-07	1.333333Y	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2866 ALL	401628.9	3781849	8.03E-07	1.333333Y	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2867 ALL	401648.9	3781849	9.15E-07	1.333333Y	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2868 ALL	401668.9	3781849	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2869 ALL	401688.9	3781849	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2870 ALL	401708.9	3781849	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2871 ALL	401728.9	3781849	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2872 ALL	401748.9	3781849	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2873 ALL	401768.9	3781849	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2874 ALL	401788.9	3781849	5.18E-06	1.333333Y	5.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2875 ALL	401908.9	3781849	6.32E-06	1.333333Y	6.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2876 ALL	401928.9	3781849	5.04E-06	1.333333Y	5.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2877 ALL	401948.9	3781849	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2878 ALL	401968.9	3781849	4.24E-06	1.333333Y	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2879 ALL	401988.9	3781849	4.12E-06	1.333333Y	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2880 ALL	402008.9	3781849	3.96E-06	1.333333Y	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2881 ALL	402028.9	3781849	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2882 ALL	402048.9	3781849	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2883 ALL	402068.9	3781849	2.77E-06	1.333333Y	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2884 ALL	402088.9	3781849	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2885 ALL	402108.9	3781849	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2886 ALL	402128.9	3781849	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2887 ALL	402148.9	3781849	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2888 ALL	402168.9	3781849	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2889 ALL	402188.9	3781849	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2890 ALL	402208.9	3781849	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2891 ALL	402228.9	3781849	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2892 ALL	402248.9	3781849	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2893 ALL	402268.9	3781849	9.48E-07	1.333333Y	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2894 ALL	402288.9	3781849	8.88E-07	1.333333Y	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2895 ALL	402308.9	3781849	8.30E-07	1.333333Y	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2896 ALL	402328.9	3781849	7.83E-07	1.333333Y	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2897 ALL	402348.9	3781849	7.41E-07	1.333333Y	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2898 ALL	402368.9	3781849	7.03E-07	1.333333Y	7.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2899 ALL	402388.9	3781849	6.40E-07	1.333333Y	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2900 ALL	402408.9	3781849	6.06E-07	1.333333Y	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2901 ALL	402428.9	3781849	5.82E-07	1.333333Y	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2902 ALL	402448.9	3781849	5.52E-07	1.333333Y	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2903 ALL	402468.9	3781849	5.24E-07	1.333333Y	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2904 ALL	402488.9	3781849	5.02E-07	1.333333Y	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2905 ALL	402508.9	3781849	4.80E-07	1.333333Y	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2906 ALL	401308.9	3781869	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2907 ALL	401328.9	3781869	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2908 ALL	401348.9	3781869	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2909 ALL	401368.9	3781869	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2910 ALL	401388.9	3781869	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2911 ALL	401408.9	3781869	2.74E-07	1.333333Y	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2912	ALL	401428.9	3781869	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2913	ALL	401448.9	3781869	3.18E-07	1.333333Y	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2914	ALL	401468.9	3781869	3.47E-07	1.333333Y	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2915	ALL	401488.9	3781869	3.92E-07	1.333333Y	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2916	ALL	401508.9	3781869	4.38E-07	1.333333Y	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2917	ALL	401528.9	3781869	4.87E-07	1.333333Y	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2918	ALL	401548.9	3781869	5.42E-07	1.333333Y	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2919	ALL	401568.9	3781869	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2920	ALL	401588.9	3781869	6.20E-07	1.333333Y	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2921	ALL	401608.9	3781869	6.88E-07	1.333333Y	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2922	ALL	401628.9	3781869	7.65E-07	1.333333Y	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2923	ALL	401648.9	3781869	8.52E-07	1.333333Y	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2924	ALL	401668.9	3781869	9.65E-07	1.333333Y	9.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2925	ALL	401688.9	3781869	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2926	ALL	401708.9	3781869	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2927	ALL	401728.9	3781869	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2928	ALL	401748.9	3781869	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2929	ALL	401768.9	3781869	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2930	ALL	401788.9	3781869	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2931	ALL	401888.9	3781869	6.00E-06	1.333333Y	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2932	ALL	401908.9	3781869	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2933	ALL	401928.9	3781869	3.53E-06	1.333333Y	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2934	ALL	401948.9	3781869	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2935	ALL	401968.9	3781869	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2936	ALL	401988.9	3781869	2.82E-06	1.333333Y	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2937	ALL	402008.9	3781869	2.78E-06	1.333333Y	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2938	ALL	402028.9	3781869	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2939	ALL	402048.9	3781869	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2940	ALL	402068.9	3781869	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2941	ALL	402088.9	3781869	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2942	ALL	402108.9	3781869	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2943	ALL	402128.9	3781869	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2944	ALL	402148.9	3781869	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2945	ALL	402168.9	3781869	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2946	ALL	402188.9	3781869	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2947	ALL	402208.9	3781869	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2948	ALL	402228.9	3781869	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2949	ALL	402248.9	3781869	9.55E-07	1.333333Y	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2950	ALL	402268.9	3781869	8.92E-07	1.333333Y	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2951	ALL	402288.9	3781869	8.37E-07	1.333333Y	8.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2952	ALL	402308.9	3781869	7.86E-07	1.333333Y	7.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2953	ALL	402328.9	3781869	7.42E-07	1.333333Y	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2954	ALL	402348.9	3781869	7.08E-07	1.333333Y	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2955	ALL	402368.9	3781869	6.77E-07	1.333333Y	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2956	ALL	402388.9	3781869	6.30E-07	1.333333Y	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2957	ALL	402408.9	3781869	6.04E-07	1.333333Y	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2958	ALL	402428.9	3781869	5.78E-07	1.333333Y	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959	ALL	402448.9	3781869	5.51E-07	1.333333Y	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2960	ALL	402468.9	3781869	5.24E-07	1.333333Y	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2961	ALL	402488.9	3781869	5.05E-07	1.333333Y	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2962	ALL	402508.9	3781869	4.85E-07	1.333333Y	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2963	ALL	401308.9	3781889	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2964	ALL	401328.9	3781889	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2965	ALL	401348.9	3781889	1.99E-07	1.333333Y	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2966	ALL	401368.9	3781889	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2967	ALL	401388.9	3781889	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2968	ALL	401408.9	3781889	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2969	ALL	401428.9	3781889	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2970	ALL	401448.9	3781889	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2971	ALL	401468.9	3781889	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2972	ALL	401488.9	3781889	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2973	ALL	401508.9	3781889	3.91E-07	1.333333Y	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2974	ALL	401528.9	3781889	4.52E-07	1.333333Y	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2975	ALL	401548.9	3781889	5.06E-07	1.333333Y	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2976	ALL	401568.9	3781889	5.45E-07	1.333333Y	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2977	ALL	401588.9	3781889	5.95E-07	1.333333Y	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2978	ALL	401608.9	3781889	6.47E-07	1.333333Y	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2979	ALL	401628.9	3781889	7.15E-07	1.333333Y	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2980	ALL	401648.9	3781889	7.92E-07	1.333333Y	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2981	ALL	401668.9	3781889	8.20E-07	1.333333Y	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2982	ALL	401688.9	3781889	8.27E-07	1.333333Y	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2983	ALL	401708.9	3781889	9.33E-07	1.333333Y	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2984	ALL	401728.9	3781889	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2985	ALL	401748.9	3781889	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2986	ALL	401768.9	3781889	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2987	ALL	401788.9	3781889	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2988	ALL	401808.9	3781889	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2989	ALL	401828.9	3781889	4.27E-06	1.333333Y	4.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2990	ALL	401848.9	3781889	4.91E-06	1.333333Y	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2991	ALL	401868.9	3781889	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2992	ALL	401888.9	3781889	3.58E-06	1.333333Y	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2993	ALL	401908.9	3781889	2.92E-06	1.333333Y	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2994	ALL	401928.9	3781889	2.55E-06	1.333333Y	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2995	ALL	401948.9	3781889	2.28E-06	1.333333Y	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2996	ALL	401968.9	3781889	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2997	ALL	401988.9	3781889	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2998	ALL	402008.9	3781889	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2999	ALL	402028.9	3781889	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3000	ALL	402048.9	3781889	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3001	ALL	402068.9	3781889	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3002	ALL	402088.9	3781889	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3003	ALL	402108.9	3781889	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3004	ALL	402128.9	3781889	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3005	ALL	402148.9	3781889	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3006	ALL	402168.9	3781889	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3007	ALL	402188.9	3781889	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3008	ALL	402208.9	3781889	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3009	ALL	402228.9	3781889	9.55E-07	1.333333Y	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3010	ALL	402248.9	3781889	8.91E-07	1.333333Y	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3011	ALL	402268.9	3781889	8.23E-07	1.333333Y	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3012	ALL	402288.9	3781889	7.78E-07	1.333333Y	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3013	ALL	402308.9	3781889	7.39E-07	1.333333Y	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3014	ALL	402328.9	3781889	7.05E-07	1.333333Y	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3015	ALL	402348.9	3781889	6.84E-07	1.333333Y	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3016	ALL	402368.9	3781889	6.46E-07	1.333333Y	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3017	ALL	402388.9	3781889	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3018	ALL	402408.9	3781889	5.91E-07	1.333333Y	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3019	ALL	402428.9	3781889	5.69E-07	1.333333Y	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3020	ALL	402448.9	3781889	5.45E-07	1.333333Y	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3021	ALL	402468.9	3781889	5.19E-07	1.333333Y	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3022	ALL	402488.9	3781889	4.97E-07	1.333333Y	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3023	ALL	402508.9	3781889	4.78E-07	1.333333Y	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3024	ALL	401308.9	3781909	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3025	ALL	401328.9	3781909	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3026	ALL	401348.9	3781909	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3027	ALL	401368.9	3781909	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3028	ALL	401388.9	3781909	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3029	ALL	401408.9	3781909	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3030	ALL	401428.9	3781909	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3031	ALL	401448.9	3781909	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3032	ALL	401468.9	3781909	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3033	ALL	401488.9	3781909	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3034	ALL	401508.9	3781909	3.73E-07	1.333333Y	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3035	ALL	401528.9	3781909	4.22E-07	1.333333Y	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3036	ALL	401548.9	3781909	4.61E-07	1.333333Y	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3037	ALL	401568.9	3781909	4.96E-07	1.333333Y	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3038	ALL	401588.9	3781909	5.54E-07	1.333333Y	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3039	ALL	401608.9	3781909	6.04E-07	1.333333Y	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3040	ALL	401628.9	3781909	6.24E-07	1.333333Y	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3041	ALL	401648.9	3781909	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3042	ALL	401668.9	3781909	6.63E-07	1.333333Y	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3043	ALL	401688.9	3781909	7.51E-07	1.333333Y	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3044	ALL	401708.9	3781909	8.59E-07	1.333333Y	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3045	ALL	401728.9	3781909	9.94E-07	1.333333Y	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3046	ALL	401748.9	3781909	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3047	ALL	401768.9	3781909	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3048	ALL	401788.9	3781909	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3049	ALL	401808.9	3781909	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3050	ALL	401828.9	3781909	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3051	ALL	401848.9	3781909	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3052	ALL	401868.9	3781909	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3053	ALL	401888.9	3781909	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3054	ALL	401908.9	3781909	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3055	ALL	401928.9	3781909	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3056	ALL	401948.9	3781909	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3057	ALL	401968.9	3781909	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3058	ALL	401988.9	3781909	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3059	ALL	402008.9	3781909	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3060	ALL	402028.9	3781909	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3061	ALL	402048.9	3781909	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3062	ALL	402068.9	3781909	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3063	ALL	402088.9	3781909	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3064	ALL	402108.9	3781909	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3065	ALL	402128.9	3781909	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3066	ALL	402148.9	3781909	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3067	ALL	402168.9	3781909	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3068	ALL	402188.9	3781909	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3069	ALL	402208.9	3781909	9.50E-07	1.333333Y	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3070	ALL	402228.9	3781909	8.87E-07	1.333333Y	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3071	ALL	402248.9	3781909	8.27E-07	1.333333Y	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3072	ALL	402268.9	3781909	7.63E-07	1.333333Y	7.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3073	ALL	402288.9	3781909	7.12E-07	1.333333Y	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3074	ALL	402308.9	3781909	6.84E-07	1.333333Y	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3075	ALL	402328.9	3781909	6.58E-07	1.333333Y	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3076	ALL	402348.9	3781909	6.42E-07	1.333333Y	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3077	ALL	402368.9	3781909	6.19E-07	1.333333Y	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3078	ALL	402388.9	3781909	5.99E-07	1.333333Y	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3079	ALL	402408.9	3781909	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3080	ALL	402428.9	3781909	5.49E-07	1.333333Y	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3081	ALL	402448.9	3781909	5.27E-07	1.333333Y	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3082	ALL	402468.9	3781909	5.09E-07	1.333333Y	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3083	ALL	402488.9	3781909	4.89E-07	1.333333Y	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3084	ALL	402508.9	3781909	4.71E-07	1.333333Y	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3085	ALL	401308.9	3781929	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3086	ALL	401328.9	3781929	1.75E-07	1.333333Y	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3087	ALL	401348.9	3781929	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3088	ALL	401368.9	3781929	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3089	ALL	401388.9	3781929	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3090	ALL	401408.9	3781929	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3091	ALL	401428.9	3781929	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3092	ALL	401448.9	3781929	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3093	ALL	401468.9	3781929	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

#		X	Y													
3094	ALL	401488.9	3781929	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3095	ALL	401508.9	3781929	3.52E-07	1.333333Y	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3096	ALL	401528.9	3781929	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3097	ALL	401548.9	3781929	4.36E-07	1.333333Y	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3098	ALL	401568.9	3781929	4.65E-07	1.333333Y	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3099	ALL	401588.9	3781929	4.82E-07	1.333333Y	4.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3100	ALL	401608.9	3781929	4.75E-07	1.333333Y	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3101	ALL	401628.9	3781929	5.03E-07	1.333333Y	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3102	ALL	401648.9	3781929	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3103	ALL	401668.9	3781929	6.22E-07	1.333333Y	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3104	ALL	401688.9	3781929	7.00E-07	1.333333Y	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3105	ALL	401708.9	3781929	7.68E-07	1.333333Y	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3106	ALL	401728.9	3781929	8.39E-07	1.333333Y	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3107	ALL	401748.9	3781929	9.16E-07	1.333333Y	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3108	ALL	401768.9	3781929	9.32E-07	1.333333Y	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3109	ALL	401788.9	3781929	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3110	ALL	401808.9	3781929	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3111	ALL	401828.9	3781929	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3112	ALL	401848.9	3781929	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3113	ALL	401868.9	3781929	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3114	ALL	401888.9	3781929	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3115	ALL	401908.9	3781929	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3116	ALL	401928.9	3781929	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3117	ALL	401948.9	3781929	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3118	ALL	401968.9	3781929	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3119	ALL	401988.9	3781929	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3120	ALL	402008.9	3781929	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3121	ALL	402028.9	3781929	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3122	ALL	402048.9	3781929	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3123	ALL	402068.9	3781929	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3124	ALL	402088.9	3781929	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3125	ALL	402108.9	3781929	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3126	ALL	402128.9	3781929	9.82E-07	1.333333Y	9.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3127	ALL	402148.9	3781929	9.60E-07	1.333333Y	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3128	ALL	402168.9	3781929	9.68E-07	1.333333Y	9.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3129	ALL	402188.9	3781929	9.16E-07	1.333333Y	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3130	ALL	402208.9	3781929	8.74E-07	1.333333Y	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3131	ALL	402228.9	3781929	8.10E-07	1.333333Y	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3132	ALL	402248.9	3781929	7.65E-07	1.333333Y	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3133	ALL	402268.9	3781929	7.01E-07	1.333333Y	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3134	ALL	402288.9	3781929	6.51E-07	1.333333Y	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3135	ALL	402308.9	3781929	6.28E-07	1.333333Y	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3136	ALL	402328.9	3781929	5.97E-07	1.333333Y	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3137	ALL	402348.9	3781929	5.73E-07	1.333333Y	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3138	ALL	402368.9	3781929	5.49E-07	1.333333Y	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3139	ALL	402388.9	3781929	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3140	ALL	402408.9	3781929	5.48E-07	1.333333Y	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3141	ALL	402428.9	3781929	5.29E-07	1.333333Y	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3142	ALL	402448.9	3781929	5.10E-07	1.333333Y	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3143	ALL	402468.9	3781929	4.93E-07	1.333333Y	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3144	ALL	402488.9	3781929	4.76E-07	1.333333Y	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3145	ALL	402508.9	3781929	4.60E-07	1.333333Y	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3146	ALL	401308.9	3781949	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3147	ALL	401328.9	3781949	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3148	ALL	401348.9	3781949	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3149	ALL	401368.9	3781949	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3150	ALL	401388.9	3781949	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3151	ALL	401408.9	3781949	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3152	ALL	401428.9	3781949	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3153	ALL	401448.9	3781949	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3154	ALL	401468.9	3781949	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3155	ALL	401488.9	3781949	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3156	ALL	401508.9	3781949	3.23E-07	1.333333Y	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3157	ALL	401528.9	3781949	3.71E-07	1.333333Y	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3158	ALL	401548.9	3781949	3.68E-07	1.333333Y	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3159	ALL	401568.9	3781949	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3160	ALL	401588.9	3781949	3.96E-07	1.333333Y	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3161	ALL	401608.9	3781949	4.29E-07	1.333333Y	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3162	ALL	401628.9	3781949	4.76E-07	1.333333Y	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3163	ALL	401648.9	3781949	5.28E-07	1.333333Y	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3164	ALL	401668.9	3781949	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3165	ALL	401688.9	3781949	6.08E-07	1.333333Y	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3166	ALL	401708.9	3781949	6.54E-07	1.333333Y	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3167	ALL	401728.9	3781949	7.22E-07	1.333333Y	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3168	ALL	401748.9	3781949	7.09E-07	1.333333Y	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3169	ALL	401768.9	3781949	7.28E-07	1.333333Y	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3170	ALL	401788.9	3781949	7.78E-07	1.333333Y	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3171	ALL	401808.9	3781949	9.51E-07	1.333333Y	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3172	ALL	401828.9	3781949	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3173	ALL	401848.9	3781949	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3174	ALL	401868.9	3781949	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3175	ALL	401888.9	3781949	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3176	ALL	401908.9	3781949	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3177	ALL	401928.9	3781949	9.84E-07	1.333333Y	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3178	ALL	401948.9	3781949	9.21E-07	1.333333Y	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3179	ALL	401968.9	3781949	8.55E-07	1.333333Y	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3180	ALL	401988.9	3781949	8.24E-07	1.333333Y	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3181	ALL	402008.9	3781949	8.39E-07	1.333333Y	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3182	ALL	402028.9	3781949	8.52E-07	1.333333Y	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3183	ALL	402048.9	3781949	8.42E-07	1.333333Y	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3184	ALL	402068.9	3781949	8.71E-07	1.333333Y	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3185 ALL	402088.9	3781949	8.61E-07	1.333333Yi	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3186 ALL	402108.9	3781949	8.58E-07	1.333333Yi	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3187 ALL	402128.9	3781949	8.28E-07	1.333333Yi	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3188 ALL	402148.9	3781949	7.98E-07	1.333333Yi	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3189 ALL	402168.9	3781949	8.61E-07	1.333333Yi	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3190 ALL	402188.9	3781949	8.32E-07	1.333333Yi	8.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3191 ALL	402208.9	3781949	7.87E-07	1.333333Yi	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3192 ALL	402228.9	3781949	7.40E-07	1.333333Yi	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3193 ALL	402248.9	3781949	7.05E-07	1.333333Yi	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3194 ALL	402268.9	3781949	6.58E-07	1.333333Yi	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3195 ALL	402288.9	3781949	6.11E-07	1.333333Yi	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3196 ALL	402308.9	3781949	5.75E-07	1.333333Yi	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3197 ALL	402328.9	3781949	5.47E-07	1.333333Yi	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3198 ALL	402348.9	3781949	5.26E-07	1.333333Yi	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3199 ALL	402368.9	3781949	4.99E-07	1.333333Yi	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3200 ALL	402388.9	3781949	5.01E-07	1.333333Yi	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3201 ALL	402408.9	3781949	5.19E-07	1.333333Yi	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3202 ALL	402428.9	3781949	5.02E-07	1.333333Yi	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3203 ALL	402448.9	3781949	4.87E-07	1.333333Yi	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3204 ALL	402468.9	3781949	4.71E-07	1.333333Yi	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3205 ALL	402488.9	3781949	4.56E-07	1.333333Yi	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3206 ALL	402508.9	3781949	4.42E-07	1.333333Yi	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3207 ALL	401308.9	3781969	1.36E-07	1.333333Yi	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3208 ALL	401328.9	3781969	1.42E-07	1.333333Yi	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3209 ALL	401348.9	3781969	1.48E-07	1.333333Yi	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3210 ALL	401368.9	3781969	1.54E-07	1.333333Yi	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3211 ALL	401388.9	3781969	1.61E-07	1.333333Yi	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3212 ALL	401408.9	3781969	1.69E-07	1.333333Yi	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3213 ALL	401428.9	3781969	1.77E-07	1.333333Yi	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3214 ALL	401448.9	3781969	2.03E-07	1.333333Yi	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3215 ALL	401468.9	3781969	2.21E-07	1.333333Yi	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3216 ALL	401488.9	3781969	2.33E-07	1.333333Yi	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3217 ALL	401508.9	3781969	2.97E-07	1.333333Yi	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3218 ALL	401528.9	3781969	3.08E-07	1.333333Yi	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3219 ALL	401548.9	3781969	3.03E-07	1.333333Yi	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3220 ALL	401568.9	3781969	3.33E-07	1.333333Yi	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3221 ALL	401588.9	3781969	3.62E-07	1.333333Yi	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3222 ALL	401608.9	3781969	4.02E-07	1.333333Yi	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3223 ALL	401628.9	3781969	4.38E-07	1.333333Yi	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3224 ALL	401648.9	3781969	4.59E-07	1.333333Yi	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3225 ALL	401668.9	3781969	5.06E-07	1.333333Yi	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3226 ALL	401688.9	3781969	5.41E-07	1.333333Yi	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3227 ALL	401708.9	3781969	5.57E-07	1.333333Yi	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3228 ALL	401728.9	3781969	5.30E-07	1.333333Yi	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3229 ALL	401748.9	3781969	5.60E-07	1.333333Yi	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3230 ALL	401768.9	3781969	5.79E-07	1.333333Yi	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3231 ALL	401788.9	3781969	6.03E-07	1.333333Yi	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3232 ALL	401808.9	3781969	7.23E-07	1.333333Yi	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3233 ALL	401828.9	3781969	8.97E-07	1.333333Yi	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3234 ALL	401848.9	3781969	9.26E-07	1.333333Yi	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3235 ALL	401868.9	3781969	8.79E-07	1.333333Yi	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3236 ALL	401888.9	3781969	8.17E-07	1.333333Yi	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3237 ALL	401908.9	3781969	7.70E-07	1.333333Yi	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3238 ALL	401928.9	3781969	7.24E-07	1.333333Yi	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3239 ALL	401948.9	3781969	6.91E-07	1.333333Yi	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3240 ALL	401968.9	3781969	6.74E-07	1.333333Yi	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3241 ALL	401988.9	3781969	6.62E-07	1.333333Yi	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3242 ALL	402008.9	3781969	6.70E-07	1.333333Yi	6.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3243 ALL	402028.9	3781969	6.76E-07	1.333333Yi	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3244 ALL	402048.9	3781969	6.86E-07	1.333333Yi	6.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3245 ALL	402068.9	3781969	6.80E-07	1.333333Yi	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3246 ALL	402088.9	3781969	6.76E-07	1.333333Yi	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3247 ALL	402108.9	3781969	7.10E-07	1.333333Yi	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3248 ALL	402128.9	3781969	6.90E-07	1.333333Yi	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3249 ALL	402148.9	3781969	6.82E-07	1.333333Yi	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3250 ALL	402168.9	3781969	7.68E-07	1.333333Yi	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3251 ALL	402188.9	3781969	7.50E-07	1.333333Yi	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3252 ALL	402208.9	3781969	6.98E-07	1.333333Yi	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3253 ALL	402228.9	3781969	6.71E-07	1.333333Yi	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3254 ALL	402248.9	3781969	6.40E-07	1.333333Yi	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3255 ALL	402268.9	3781969	6.18E-07	1.333333Yi	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3256 ALL	402288.9	3781969	5.90E-07	1.333333Yi	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3257 ALL	402308.9	3781969	5.45E-07	1.333333Yi	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3258 ALL	402328.9	3781969	4.99E-07	1.333333Yi	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3259 ALL	402348.9	3781969	4.72E-07	1.333333Yi	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3260 ALL	402368.9	3781969	4.50E-07	1.333333Yi	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3261 ALL	402388.9	3781969	4.53E-07	1.333333Yi	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3262 ALL	402408.9	3781969	4.84E-07	1.333333Yi	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3263 ALL	402428.9	3781969	4.71E-07	1.333333Yi	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3264 ALL	402448.9	3781969	4.58E-07	1.333333Yi	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3265 ALL	402468.9	3781969	4.45E-07	1.333333Yi	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3266 ALL	402488.9	3781969	4.35E-07	1.333333Yi	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3267 ALL	402508.9	3781969	4.22E-07	1.333333Yi	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3268 ALL	401308.9	3781989	1.30E-07	1.333333Yi	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3269 ALL	401328.9	3781989	1.36E-07	1.333333Yi	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3270 ALL	401348.9	3781989	1.41E-07	1.333333Yi	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3271 ALL	401368.9	3781989	1.48E-07	1.333333Yi	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3272 ALL	401388.9	3781989	1.55E-07	1.333333Yi	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3273 ALL	401408.9	3781989	1.62E-07	1.333333Yi	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3274 ALL	401428.9	3781989	1.72E-07	1.333333Yi	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3275 ALL	401448.9	3781989	1.87E-07	1.333333Yi	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3276 ALL	401468.9	3781989	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3277 ALL	401488.9	3781989	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3278 ALL	401508.9	3781989	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3279 ALL	401528.9	3781989	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3280 ALL	401548.9	3781989	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3281 ALL	401568.9	3781989	3.09E-07	1.333333Y	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3282 ALL	401588.9	3781989	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3283 ALL	401608.9	3781989	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3284 ALL	401628.9	3781989	3.88E-07	1.333333Y	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3285 ALL	401648.9	3781989	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3286 ALL	401668.9	3781989	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3287 ALL	401688.9	3781989	3.87E-07	1.333333Y	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3288 ALL	401708.9	3781989	3.72E-07	1.333333Y	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3289 ALL	401728.9	3781989	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3290 ALL	401748.9	3781989	4.51E-07	1.333333Y	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3291 ALL	401768.9	3781989	4.46E-07	1.333333Y	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3292 ALL	401788.9	3781989	4.72E-07	1.333333Y	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3293 ALL	401808.9	3781989	5.39E-07	1.333333Y	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3294 ALL	401828.9	3781989	7.19E-07	1.333333Y	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3295 ALL	401848.9	3781989	7.25E-07	1.333333Y	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3296 ALL	401868.9	3781989	6.88E-07	1.333333Y	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3297 ALL	401888.9	3781989	6.26E-07	1.333333Y	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3298 ALL	401908.9	3781989	5.87E-07	1.333333Y	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3299 ALL	401928.9	3781989	5.75E-07	1.333333Y	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3300 ALL	401948.9	3781989	5.67E-07	1.333333Y	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3301 ALL	401968.9	3781989	5.64E-07	1.333333Y	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3302 ALL	401988.9	3781989	5.60E-07	1.333333Y	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3303 ALL	402008.9	3781989	5.62E-07	1.333333Y	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3304 ALL	402028.9	3781989	5.62E-07	1.333333Y	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3305 ALL	402048.9	3781989	5.82E-07	1.333333Y	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3306 ALL	402068.9	3781989	5.76E-07	1.333333Y	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3307 ALL	402088.9	3781989	5.70E-07	1.333333Y	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3308 ALL	402108.9	3781989	5.70E-07	1.333333Y	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3309 ALL	402128.9	3781989	5.79E-07	1.333333Y	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3310 ALL	402148.9	3781989	6.04E-07	1.333333Y	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3311 ALL	402168.9	3781989	6.79E-07	1.333333Y	6.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3312 ALL	402188.9	3781989	6.62E-07	1.333333Y	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3313 ALL	402208.9	3781989	6.24E-07	1.333333Y	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3314 ALL	402228.9	3781989	5.99E-07	1.333333Y	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3315 ALL	402248.9	3781989	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3316 ALL	402268.9	3781989	5.44E-07	1.333333Y	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3317 ALL	402288.9	3781989	5.18E-07	1.333333Y	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3318 ALL	402308.9	3781989	4.77E-07	1.333333Y	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3319 ALL	402328.9	3781989	4.30E-07	1.333333Y	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3320 ALL	402348.9	3781989	4.21E-07	1.333333Y	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3321 ALL	402368.9	3781989	4.05E-07	1.333333Y	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3322 ALL	402388.9	3781989	4.05E-07	1.333333Y	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3323 ALL	402408.9	3781989	4.49E-07	1.333333Y	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3324 ALL	402428.9	3781989	4.40E-07	1.333333Y	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3325 ALL	402448.9	3781989	4.26E-07	1.333333Y	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3326 ALL	402468.9	3781989	4.16E-07	1.333333Y	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3327 ALL	402488.9	3781989	4.06E-07	1.333333Y	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3328 ALL	402508.9	3781989	3.96E-07	1.333333Y	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3329 ALL	401308.9	3782009	1.24E-07	1.333333Y	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3330 ALL	401328.9	3782009	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3331 ALL	401348.9	3782009	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3332 ALL	401368.9	3782009	1.39E-07	1.333333Y	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3333 ALL	401388.9	3782009	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3334 ALL	401408.9	3782009	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3335 ALL	401428.9	3782009	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3336 ALL	401448.9	3782009	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3337 ALL	401468.9	3782009	1.74E-07	1.333333Y	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3338 ALL	401488.9	3782009	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3339 ALL	401508.9	3782009	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3340 ALL	401528.9	3782009	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3341 ALL	401548.9	3782009	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3342 ALL	401568.9	3782009	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3343 ALL	401588.9	3782009	3.00E-07	1.333333Y	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3344 ALL	401608.9	3782009	3.23E-07	1.333333Y	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3345 ALL	401628.9	3782009	3.25E-07	1.333333Y	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3346 ALL	401648.9	3782009	3.03E-07	1.333333Y	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3347 ALL	401668.9	3782009	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3348 ALL	401688.9	3782009	2.95E-07	1.333333Y	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3349 ALL	401708.9	3782009	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3350 ALL	401728.9	3782009	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3351 ALL	401748.9	3782009	3.74E-07	1.333333Y	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3352 ALL	401768.9	3782009	3.76E-07	1.333333Y	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3353 ALL	401788.9	3782009	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3354 ALL	401808.9	3782009	4.67E-07	1.333333Y	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3355 ALL	401828.9	3782009	5.25E-07	1.333333Y	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3356 ALL	401848.9	3782009	5.35E-07	1.333333Y	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3357 ALL	401868.9	3782009	4.86E-07	1.333333Y	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3358 ALL	401888.9	3782009	4.67E-07	1.333333Y	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3359 ALL	401908.9	3782009	4.64E-07	1.333333Y	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3360 ALL	401928.9	3782009	4.76E-07	1.333333Y	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3361 ALL	401948.9	3782009	4.70E-07	1.333333Y	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3362 ALL	401968.9	3782009	4.68E-07	1.333333Y	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3363 ALL	401988.9	3782009	4.70E-07	1.333333Y	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3364 ALL	402008.9	3782009	4.66E-07	1.333333Y	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3365 ALL	402028.9	3782009	4.69E-07	1.333333Y	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3366 ALL	402048.9	3782009	4.79E-07	1.333333Y	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3367 ALL	402068.9	3782009	4.93E-07	1.333333Y	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3368 ALL	402088.9	3782009	5.04E-07	1.333333Y	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3369 ALL	402108.9	3782009	4.97E-07	1.333333Y	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3370 ALL	402128.9	3782009	4.96E-07	1.333333Y	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3371 ALL	402148.9	3782009	5.72E-07	1.333333Y	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3372 ALL	402168.9	3782009	5.94E-07	1.333333Y	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3373 ALL	402188.9	3782009	5.92E-07	1.333333Y	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3374 ALL	402208.9	3782009	5.54E-07	1.333333Y	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3375 ALL	402228.9	3782009	5.34E-07	1.333333Y	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3376 ALL	402248.9	3782009	5.10E-07	1.333333Y	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3377 ALL	402268.9	3782009	4.63E-07	1.333333Y	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3378 ALL	402288.9	3782009	4.40E-07	1.333333Y	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3379 ALL	402308.9	3782009	3.95E-07	1.333333Y	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3380 ALL	402328.9	3782009	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3381 ALL	402348.9	3782009	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3382 ALL	402368.9	3782009	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3383 ALL	402388.9	3782009	3.70E-07	1.333333Y	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3384 ALL	402408.9	3782009	3.96E-07	1.333333Y	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3385 ALL	402428.9	3782009	3.83E-07	1.333333Y	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3386 ALL	402448.9	3782009	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3387 ALL	402468.9	3782009	3.84E-07	1.333333Y	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3388 ALL	402488.9	3782009	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3389 ALL	402508.9	3782009	3.59E-07	1.333333Y	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3390 ALL	401308.9	3782029	1.19E-07	1.333333Y	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3391 ALL	401328.9	3782029	1.23E-07	1.333333Y	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3392 ALL	401348.9	3782029	1.26E-07	1.333333Y	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3393 ALL	401368.9	3782029	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3394 ALL	401388.9	3782029	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3395 ALL	401408.9	3782029	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3396 ALL	401428.9	3782029	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3397 ALL	401448.9	3782029	1.47E-07	1.333333Y	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3398 ALL	401468.9	3782029	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3399 ALL	401488.9	3782029	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400 ALL	401508.9	3782029	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3401 ALL	401528.9	3782029	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3402 ALL	401548.9	3782029	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3403 ALL	401568.9	3782029	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3404 ALL	401588.9	3782029	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3405 ALL	401608.9	3782029	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3406 ALL	401628.9	3782029	2.29E-07	1.333333Y	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3407 ALL	401648.9	3782029	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3408 ALL	401668.9	3782029	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3409 ALL	401688.9	3782029	2.66E-07	1.333333Y	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3410 ALL	401708.9	3782029	2.87E-07	1.333333Y	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3411 ALL	401728.9	3782029	3.02E-07	1.333333Y	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3412 ALL	401748.9	3782029	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3413 ALL	401768.9	3782029	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3414 ALL	401788.9	3782029	3.19E-07	1.333333Y	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3415 ALL	401808.9	3782029	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3416 ALL	401828.9	3782029	3.94E-07	1.333333Y	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3417 ALL	401848.9	3782029	4.04E-07	1.333333Y	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3418 ALL	401868.9	3782029	3.90E-07	1.333333Y	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3419 ALL	401888.9	3782029	3.83E-07	1.333333Y	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3420 ALL	401908.9	3782029	3.89E-07	1.333333Y	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3421 ALL	401928.9	3782029	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3422 ALL	401948.9	3782029	3.64E-07	1.333333Y	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3423 ALL	401968.9	3782029	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3424 ALL	401988.9	3782029	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3425 ALL	402008.9	3782029	3.59E-07	1.333333Y	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3426 ALL	402028.9	3782029	3.67E-07	1.333333Y	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3427 ALL	402048.9	3782029	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3428 ALL	402068.9	3782029	3.98E-07	1.333333Y	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3429 ALL	402088.9	3782029	4.07E-07	1.333333Y	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3430 ALL	402108.9	3782029	4.10E-07	1.333333Y	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3431 ALL	402128.9	3782029	4.25E-07	1.333333Y	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3432 ALL	402148.9	3782029	5.07E-07	1.333333Y	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3433 ALL	402168.9	3782029	5.23E-07	1.333333Y	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3434 ALL	402188.9	3782029	5.13E-07	1.333333Y	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3435 ALL	402208.9	3782029	4.78E-07	1.333333Y	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3436 ALL	402228.9	3782029	4.69E-07	1.333333Y	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3437 ALL	402248.9	3782029	4.40E-07	1.333333Y	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3438 ALL	402268.9	3782029	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3439 ALL	402288.9	3782029	3.53E-07	1.333333Y	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3440 ALL	402308.9	3782029	3.26E-07	1.333333Y	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3441 ALL	402328.9	3782029	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3442 ALL	402348.9	3782029	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3443 ALL	402368.9	3782029	3.23E-07	1.333333Y	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3444 ALL	402388.9	3782029	3.42E-07	1.333333Y	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3445 ALL	402408.9	3782029	3.50E-07	1.333333Y	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3446 ALL	402428.9	3782029	3.47E-07	1.333333Y	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3447 ALL	402448.9	3782029	3.42E-07	1.333333Y	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3448 ALL	402468.9	3782029	3.45E-07	1.333333Y	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3449 ALL	402488.9	3782029	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3450 ALL	402508.9	3782029	3.19E-07	1.333333Y	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3451 ALL	401308.9	3782049	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3452 ALL	401328.9	3782049	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3453 ALL	401348.9	3782049	1.11E-07	1.333333Y	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3454 ALL	401368.9	3782049	1.15E-07	1.333333Y	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3455 ALL	401388.9	3782049	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3456 ALL	401408.9	3782049	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3457 ALL	401428.9	3782049	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3458	ALL	401448.9	3782049	1.38E-07	1.333333Y|	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3459	ALL	401468.9	3782049	1.45E-07	1.333333Y|	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3460	ALL	401488.9	3782049	1.76E-07	1.333333Y|	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3461	ALL	401508.9	3782049	2.14E-07	1.333333Y|	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3462	ALL	401528.9	3782049	2.06E-07	1.333333Y|	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3463	ALL	401548.9	3782049	2.12E-07	1.333333Y|	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3464	ALL	401568.9	3782049	2.14E-07	1.333333Y|	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3465	ALL	401588.9	3782049	2.21E-07	1.333333Y|	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3466	ALL	401608.9	3782049	1.94E-07	1.333333Y|	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3467	ALL	401628.9	3782049	2.03E-07	1.333333Y|	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3468	ALL	401648.9	3782049	2.17E-07	1.333333Y|	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3469	ALL	401668.9	3782049	2.30E-07	1.333333Y|	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3470	ALL	401688.9	3782049	2.40E-07	1.333333Y|	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3471	ALL	401708.9	3782049	2.39E-07	1.333333Y|	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3472	ALL	401728.9	3782049	2.56E-07	1.333333Y|	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3473	ALL	401748.9	3782049	2.52E-07	1.333333Y|	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3474	ALL	401768.9	3782049	2.68E-07	1.333333Y|	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3475	ALL	401788.9	3782049	2.77E-07	1.333333Y|	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3476	ALL	401808.9	3782049	2.98E-07	1.333333Y|	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3477	ALL	401828.9	3782049	3.10E-07	1.333333Y|	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3478	ALL	401848.9	3782049	3.06E-07	1.333333Y|	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479	ALL	401868.9	3782049	3.04E-07	1.333333Y|	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3480	ALL	401888.9	3782049	3.00E-07	1.333333Y|	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3481	ALL	401908.9	3782049	3.11E-07	1.333333Y|	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3482	ALL	401928.9	3782049	3.13E-07	1.333333Y|	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3483	ALL	401948.9	3782049	3.02E-07	1.333333Y|	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3484	ALL	401968.9	3782049	2.98E-07	1.333333Y|	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3485	ALL	401988.9	3782049	2.96E-07	1.333333Y|	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3486	ALL	402008.9	3782049	3.00E-07	1.333333Y|	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3487	ALL	402028.9	3782049	3.09E-07	1.333333Y|	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3488	ALL	402048.9	3782049	3.15E-07	1.333333Y|	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3489	ALL	402068.9	3782049	3.24E-07	1.333333Y|	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3490	ALL	402088.9	3782049	3.34E-07	1.333333Y|	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3491	ALL	402108.9	3782049	3.44E-07	1.333333Y|	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3492	ALL	402128.9	3782049	3.64E-07	1.333333Y|	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3493	ALL	402148.9	3782049	4.46E-07	1.333333Y|	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3494	ALL	402168.9	3782049	4.74E-07	1.333333Y|	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3495	ALL	402188.9	3782049	4.15E-07	1.333333Y|	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3496	ALL	402208.9	3782049	3.55E-07	1.333333Y|	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3497	ALL	402228.9	3782049	3.92E-07	1.333333Y|	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3498	ALL	402248.9	3782049	3.90E-07	1.333333Y|	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3499	ALL	402268.9	3782049	3.55E-07	1.333333Y|	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3500	ALL	402288.9	3782049	3.01E-07	1.333333Y|	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3501	ALL	402308.9	3782049	2.78E-07	1.333333Y|	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3502	ALL	402328.9	3782049	2.77E-07	1.333333Y|	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3503	ALL	402348.9	3782049	2.79E-07	1.333333Y|	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3504	ALL	402368.9	3782049	2.78E-07	1.333333Y|	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3505	ALL	402388.9	3782049	2.84E-07	1.333333Y|	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3506	ALL	402408.9	3782049	3.02E-07	1.333333Y|	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3507	ALL	402428.9	3782049	3.06E-07	1.333333Y|	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3508	ALL	402448.9	3782049	2.94E-07	1.333333Y|	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3509	ALL	402468.9	3782049	2.99E-07	1.333333Y|	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3510	ALL	402488.9	3782049	2.92E-07	1.333333Y|	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3511	ALL	402508.9	3782049	2.86E-07	1.333333Y|	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3512	ALL	401308.9	3782069	9.99E-08	1.333333Y|	9.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3513	ALL	401328.9	3782069	1.01E-07	1.333333Y|	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3514	ALL	401348.9	3782069	1.04E-07	1.333333Y|	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3515	ALL	401368.9	3782069	1.08E-07	1.333333Y|	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3516	ALL	401388.9	3782069	1.14E-07	1.333333Y|	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3517	ALL	401408.9	3782069	1.19E-07	1.333333Y|	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3518	ALL	401428.9	3782069	1.20E-07	1.333333Y|	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3519	ALL	401448.9	3782069	1.30E-07	1.333333Y|	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3520	ALL	401468.9	3782069	1.36E-07	1.333333Y|	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3521	ALL	401488.9	3782069	1.62E-07	1.333333Y|	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3522	ALL	401508.9	3782069	1.64E-07	1.333333Y|	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3523	ALL	401528.9	3782069	1.68E-07	1.333333Y|	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3524	ALL	401548.9	3782069	1.88E-07	1.333333Y|	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3525	ALL	401568.9	3782069	1.84E-07	1.333333Y|	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3526	ALL	401588.9	3782069	1.90E-07	1.333333Y|	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3527	ALL	401608.9	3782069	1.83E-07	1.333333Y|	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3528	ALL	401628.9	3782069	1.93E-07	1.333333Y|	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3529	ALL	401648.9	3782069	2.02E-07	1.333333Y|	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3530	ALL	401668.9	3782069	2.06E-07	1.333333Y|	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3531	ALL	401688.9	3782069	2.14E-07	1.333333Y|	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3532	ALL	401708.9	3782069	2.16E-07	1.333333Y|	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3533	ALL	401728.9	3782069	2.13E-07	1.333333Y|	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3534	ALL	401748.9	3782069	2.25E-07	1.333333Y|	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3535	ALL	401768.9	3782069	2.37E-07	1.333333Y|	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3536	ALL	401788.9	3782069	2.41E-07	1.333333Y|	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3537	ALL	401808.9	3782069	2.36E-07	1.333333Y|	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3538	ALL	401828.9	3782069	2.51E-07	1.333333Y|	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3539	ALL	401848.9	3782069	2.33E-07	1.333333Y|	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3540	ALL	401868.9	3782069	2.37E-07	1.333333Y|	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3541	ALL	401888.9	3782069	2.42E-07	1.333333Y|	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3542	ALL	401908.9	3782069	2.40E-07	1.333333Y|	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3543	ALL	401928.9	3782069	2.38E-07	1.333333Y|	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3544	ALL	401948.9	3782069	2.36E-07	1.333333Y|	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3545	ALL	401968.9	3782069	2.41E-07	1.333333Y|	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3546	ALL	401988.9	3782069	2.50E-07	1.333333Y|	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3547	ALL	402008.9	3782069	2.61E-07	1.333333Y|	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3548	ALL	402028.9	3782069	2.71E-07	1.333333Y|	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3549 ALL	402048.9	3782069	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3550 ALL	402068.9	3782069	2.95E-07	1.333333Y	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3551 ALL	402088.9	3782069	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3552 ALL	402108.9	3782069	3.09E-07	1.333333Y	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3553 ALL	402128.9	3782069	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3554 ALL	402148.9	3782069	3.85E-07	1.333333Y	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3555 ALL	402168.9	3782069	4.14E-07	1.333333Y	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3556 ALL	402188.9	3782069	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3557 ALL	402208.9	3782069	2.66E-07	1.333333Y	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3558 ALL	402228.9	3782069	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3559 ALL	402248.9	3782069	3.18E-07	1.333333Y	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3560 ALL	402268.9	3782069	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3561 ALL	402288.9	3782069	2.66E-07	1.333333Y	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3562 ALL	402308.9	3782069	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3563 ALL	402328.9	3782069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3564 ALL	402348.9	3782069	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3565 ALL	402368.9	3782069	2.40E-07	1.333333Y	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3566 ALL	402388.9	3782069	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3567 ALL	402408.9	3782069	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3568 ALL	402428.9	3782069	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3569 ALL	402448.9	3782069	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3570 ALL	402468.9	3782069	2.86E-07	1.333333Y	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3571 ALL	402488.9	3782069	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3572 ALL	402508.9	3782069	2.58E-07	1.333333Y	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3573 ALL	401308.9	3782089	9.43E-08	1.333333Y	9.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3574 ALL	401328.9	3782089	9.69E-08	1.333333Y	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3575 ALL	401348.9	3782089	1.00E-07	1.333333Y	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3576 ALL	401368.9	3782089	1.03E-07	1.333333Y	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3577 ALL	401388.9	3782089	1.05E-07	1.333333Y	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3578 ALL	401408.9	3782089	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3579 ALL	401428.9	3782089	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3580 ALL	401448.9	3782089	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3581 ALL	401468.9	3782089	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3582 ALL	401488.9	3782089	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3583 ALL	401508.9	3782089	1.52E-07	1.333333Y	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3584 ALL	401528.9	3782089	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3585 ALL	401548.9	3782089	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3586 ALL	401568.9	3782089	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3587 ALL	401588.9	3782089	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3588 ALL	401608.9	3782089	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3589 ALL	401628.9	3782089	1.73E-07	1.333333Y	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3590 ALL	401648.9	3782089	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3591 ALL	401668.9	3782089	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3592 ALL	401688.9	3782089	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3593 ALL	401708.9	3782089	1.81E-07	1.333333Y	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3594 ALL	401728.9	3782089	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3595 ALL	401748.9	3782089	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3596 ALL	401768.9	3782089	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3597 ALL	401788.9	3782089	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3598 ALL	401808.9	3782089	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3599 ALL	401828.9	3782089	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3600 ALL	401848.9	3782089	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3601 ALL	401868.9	3782089	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3602 ALL	401888.9	3782089	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3603 ALL	401908.9	3782089	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3604 ALL	401928.9	3782089	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3605 ALL	401948.9	3782089	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3606 ALL	401968.9	3782089	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3607 ALL	401988.9	3782089	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3608 ALL	402008.9	3782089	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3609 ALL	402028.9	3782089	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3610 ALL	402048.9	3782089	2.40E-07	1.333333Y	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3611 ALL	402068.9	3782089	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3612 ALL	402088.9	3782089	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3613 ALL	402108.9	3782089	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3614 ALL	402128.9	3782089	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3615 ALL	402148.9	3782089	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3616 ALL	402168.9	3782089	3.49E-07	1.333333Y	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3617 ALL	402188.9	3782089	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3618 ALL	402208.9	3782089	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3619 ALL	402228.9	3782089	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3620 ALL	402248.9	3782089	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3621 ALL	402268.9	3782089	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3622 ALL	402288.9	3782089	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3623 ALL	402308.9	3782089	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3624 ALL	402328.9	3782089	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3625 ALL	402348.9	3782089	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3626 ALL	402368.9	3782089	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3627 ALL	402388.9	3782089	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3628 ALL	402408.9	3782089	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3629 ALL	402428.9	3782089	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3630 ALL	402448.9	3782089	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3631 ALL	402468.9	3782089	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3632 ALL	402488.9	3782089	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3633 ALL	402508.9	3782089	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3634 ALL	401308.9	3782109	9.05E-08	1.333333Y	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3635 ALL	401328.9	3782109	9.34E-08	1.333333Y	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3636 ALL	401348.9	3782109	9.60E-08	1.333333Y	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3637 ALL	401368.9	3782109	9.64E-08	1.333333Y	9.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3638 ALL	401388.9	3782109	9.77E-08	1.333333Y	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3639 ALL	401408.9	3782109	9.88E-08	1.333333Y	9.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3640	ALL	401428.9	3782109	9.96E-08	1.333333Y	9.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3641	ALL	401448.9	3782109	1.01E-07	1.333333Y	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3642	ALL	401468.9	3782109	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3643	ALL	401488.9	3782109	1.31E-07	1.333333Y	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3644	ALL	401508.9	3782109	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3645	ALL	401528.9	3782109	1.36E-07	1.333333Y	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3646	ALL	401548.9	3782109	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3647	ALL	401568.9	3782109	1.32E-07	1.333333Y	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3648	ALL	401588.9	3782109	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3649	ALL	401608.9	3782109	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3650	ALL	401628.9	3782109	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3651	ALL	401648.9	3782109	1.47E-07	1.333333Y	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3652	ALL	401668.9	3782109	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3653	ALL	401688.9	3782109	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3654	ALL	401708.9	3782109	1.46E-07	1.333333Y	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3655	ALL	401728.9	3782109	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3656	ALL	401748.9	3782109	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3657	ALL	401768.9	3782109	1.74E-07	1.333333Y	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3658	ALL	401788.9	3782109	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3659	ALL	401808.9	3782109	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3660	ALL	401828.9	3782109	1.56E-07	1.333333Y	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3661	ALL	401848.9	3782109	1.57E-07	1.333333Y	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3662	ALL	401868.9	3782109	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3663	ALL	401888.9	3782109	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3664	ALL	401908.9	3782109	1.56E-07	1.333333Y	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3665	ALL	401928.9	3782109	1.57E-07	1.333333Y	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3666	ALL	401948.9	3782109	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3667	ALL	401968.9	3782109	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3668	ALL	401988.9	3782109	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3669	ALL	402008.9	3782109	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3670	ALL	402028.9	3782109	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3671	ALL	402048.9	3782109	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3672	ALL	402068.9	3782109	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3673	ALL	402088.9	3782109	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3674	ALL	402108.9	3782109	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3675	ALL	402128.9	3782109	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3676	ALL	402148.9	3782109	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3677	ALL	402168.9	3782109	2.74E-07	1.333333Y	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3678	ALL	402188.9	3782109	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3679	ALL	402208.9	3782109	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3680	ALL	402228.9	3782109	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3681	ALL	402248.9	3782109	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3682	ALL	402268.9	3782109	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3683	ALL	402288.9	3782109	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3684	ALL	402308.9	3782109	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3685	ALL	402328.9	3782109	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3686	ALL	402348.9	3782109	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3687	ALL	402368.9	3782109	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3688	ALL	402388.9	3782109	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3689	ALL	402408.9	3782109	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3690	ALL	402428.9	3782109	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3691	ALL	402448.9	3782109	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3692	ALL	402468.9	3782109	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3693	ALL	402488.9	3782109	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3694	ALL	402508.9	3782109	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3695	ALL	401308.9	3782129	8.66E-08	1.333333Y	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3696	ALL	401328.9	3782129	8.86E-08	1.333333Y	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3697	ALL	401348.9	3782129	8.97E-08	1.333333Y	8.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3698	ALL	401368.9	3782129	8.99E-08	1.333333Y	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3699	ALL	401388.9	3782129	9.07E-08	1.333333Y	9.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3700	ALL	401408.9	3782129	9.15E-08	1.333333Y	9.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3701	ALL	401428.9	3782129	9.39E-08	1.333333Y	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3702	ALL	401448.9	3782129	9.29E-08	1.333333Y	9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3703	ALL	401468.9	3782129	9.87E-08	1.333333Y	9.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3704	ALL	401488.9	3782129	1.03E-07	1.333333Y	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3705	ALL	401508.9	3782129	1.04E-07	1.333333Y	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3706	ALL	401528.9	3782129	1.11E-07	1.333333Y	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3707	ALL	401548.9	3782129	1.08E-07	1.333333Y	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3708	ALL	401568.9	3782129	1.08E-07	1.333333Y	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3709	ALL	401588.9	3782129	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3710	ALL	401608.9	3782129	1.16E-07	1.333333Y	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3711	ALL	401628.9	3782129	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3712	ALL	401648.9	3782129	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3713	ALL	401668.9	3782129	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3714	ALL	401688.9	3782129	1.23E-07	1.333333Y	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3715	ALL	401708.9	3782129	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3716	ALL	401728.9	3782129	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3717	ALL	401748.9	3782129	1.38E-07	1.333333Y	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3718	ALL	401768.9	3782129	1.50E-07	1.333333Y	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3719	ALL	401788.9	3782129	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3720	ALL	401808.9	3782129	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3721	ALL	401828.9	3782129	1.33E-07	1.333333Y	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3722	ALL	401848.9	3782129	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3723	ALL	401868.9	3782129	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3724	ALL	401888.9	3782129	1.36E-07	1.333333Y	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3725	ALL	401908.9	3782129	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3726	ALL	401928.9	3782129	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3727	ALL	401948.9	3782129	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3728	ALL	401968.9	3782129	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3729	ALL	401988.9	3782129	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3730	ALL	402008.9	3782129	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3731 ALL	402028.9	3782129	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3732 ALL	402048.9	3782129	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3733 ALL	402068.9	3782129	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3734 ALL	402088.9	3782129	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3735 ALL	402108.9	3782129	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3736 ALL	402128.9	3782129	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3737 ALL	402148.9	3782129	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3738 ALL	402168.9	3782129	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3739 ALL	402188.9	3782129	2.72E-07	1.333333Y	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3740 ALL	402208.9	3782129	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3741 ALL	402228.9	3782129	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3742 ALL	402248.9	3782129	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3743 ALL	402268.9	3782129	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3744 ALL	402288.9	3782129	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3745 ALL	402308.9	3782129	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3746 ALL	402328.9	3782129	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3747 ALL	402348.9	3782129	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3748 ALL	402368.9	3782129	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3749 ALL	402388.9	3782129	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3750 ALL	402408.9	3782129	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3751 ALL	402428.9	3782129	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3752 ALL	402448.9	3782129	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3753 ALL	402468.9	3782129	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3754 ALL	402488.9	3782129	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3755 ALL	402508.9	3782129	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3756 ALL	401308.9	3782149	7.75E-08	1.333333Y	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3757 ALL	401328.9	3782149	8.22E-08	1.333333Y	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3758 ALL	401348.9	3782149	8.33E-08	1.333333Y	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3759 ALL	401368.9	3782149	8.37E-08	1.333333Y	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3760 ALL	401388.9	3782149	8.46E-08	1.333333Y	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3761 ALL	401408.9	3782149	8.57E-08	1.333333Y	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3762 ALL	401428.9	3782149	8.51E-08	1.333333Y	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3763 ALL	401448.9	3782149	8.53E-08	1.333333Y	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3764 ALL	401468.9	3782149	8.78E-08	1.333333Y	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3765 ALL	401488.9	3782149	8.48E-08	1.333333Y	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3766 ALL	401508.9	3782149	8.70E-08	1.333333Y	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3767 ALL	401528.9	3782149	9.18E-08	1.333333Y	9.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3768 ALL	401548.9	3782149	9.18E-08	1.333333Y	9.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3769 ALL	401568.9	3782149	9.19E-08	1.333333Y	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3770 ALL	401588.9	3782149	9.62E-08	1.333333Y	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3771 ALL	401608.9	3782149	9.86E-08	1.333333Y	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3772 ALL	401628.9	3782149	1.03E-07	1.333333Y	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3773 ALL	401648.9	3782149	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3774 ALL	401668.9	3782149	1.10E-07	1.333333Y	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3775 ALL	401688.9	3782149	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3776 ALL	401708.9	3782149	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3777 ALL	401728.9	3782149	1.10E-07	1.333333Y	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3778 ALL	401748.9	3782149	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3779 ALL	401768.9	3782149	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3780 ALL	401788.9	3782149	1.37E-07	1.333333Y	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3781 ALL	401808.9	3782149	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3782 ALL	401828.9	3782149	1.19E-07	1.333333Y	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3783 ALL	401848.9	3782149	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3784 ALL	401868.9	3782149	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3785 ALL	401888.9	3782149	1.19E-07	1.333333Y	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3786 ALL	401908.9	3782149	1.22E-07	1.333333Y	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3787 ALL	401928.9	3782149	1.30E-07	1.333333Y	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3788 ALL	401948.9	3782149	1.41E-07	1.333333Y	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3789 ALL	401968.9	3782149	1.47E-07	1.333333Y	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3790 ALL	401988.9	3782149	1.38E-07	1.333333Y	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3791 ALL	402008.9	3782149	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3792 ALL	402028.9	3782149	1.39E-07	1.333333Y	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3793 ALL	402048.9	3782149	1.53E-07	1.333333Y	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3794 ALL	402068.9	3782149	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3795 ALL	402088.9	3782149	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3796 ALL	402108.9	3782149	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3797 ALL	402128.9	3782149	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3798 ALL	402148.9	3782149	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3799 ALL	402168.9	3782149	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3800 ALL	402188.9	3782149	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3801 ALL	402208.9	3782149	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3802 ALL	402228.9	3782149	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3803 ALL	402248.9	3782149	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3804 ALL	402268.9	3782149	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3805 ALL	402288.9	3782149	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3806 ALL	402308.9	3782149	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3807 ALL	402328.9	3782149	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3808 ALL	402348.9	3782149	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3809 ALL	402368.9	3782149	1.46E-07	1.333333Y	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3810 ALL	402388.9	3782149	1.50E-07	1.333333Y	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3811 ALL	402408.9	3782149	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3812 ALL	402428.9	3782149	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3813 ALL	402448.9	3782149	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3814 ALL	402468.9	3782149	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3815 ALL	402488.9	3782149	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3816 ALL	402508.9	3782149	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3817 ALL	401308.9	3782169	7.45E-08	1.333333Y	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3818 ALL	401328.9	3782169	7.51E-08	1.333333Y	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3819 ALL	401348.9	3782169	7.41E-08	1.333333Y	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3820 ALL	401368.9	3782169	7.59E-08	1.333333Y	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3821 ALL	401388.9	3782169	7.83E-08	1.333333Y	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3822	ALL	401408.9	3782169	7.99E-08	1.333333Y|	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3823	ALL	401428.9	3782169	8.00E-08	1.333333Y|	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3824	ALL	401448.9	3782169	8.34E-08	1.333333Y|	8.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3825	ALL	401468.9	3782169	8.63E-08	1.333333Y|	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3826	ALL	401488.9	3782169	7.98E-08	1.333333Y|	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3827	ALL	401508.9	3782169	7.81E-08	1.333333Y|	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3828	ALL	401528.9	3782169	8.01E-08	1.333333Y|	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3829	ALL	401548.9	3782169	8.14E-08	1.333333Y|	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3830	ALL	401568.9	3782169	8.16E-08	1.333333Y|	8.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3831	ALL	401588.9	3782169	8.46E-08	1.333333Y|	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3832	ALL	401608.9	3782169	8.66E-08	1.333333Y|	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3833	ALL	401628.9	3782169	8.93E-08	1.333333Y|	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3834	ALL	401648.9	3782169	9.26E-08	1.333333Y|	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3835	ALL	401668.9	3782169	9.65E-08	1.333333Y|	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3836	ALL	401688.9	3782169	9.39E-08	1.333333Y|	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3837	ALL	401708.9	3782169	9.53E-08	1.333333Y|	9.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3838	ALL	401728.9	3782169	9.83E-08	1.333333Y|	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3839	ALL	401748.9	3782169	1.04E-07	1.333333Y|	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3840	ALL	401768.9	3782169	1.09E-07	1.333333Y|	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3841	ALL	401788.9	3782169	1.20E-07	1.333333Y|	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3842	ALL	401808.9	3782169	1.12E-07	1.333333Y|	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3843	ALL	401828.9	3782169	1.08E-07	1.333333Y|	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3844	ALL	401848.9	3782169	1.06E-07	1.333333Y|	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3845	ALL	401868.9	3782169	1.06E-07	1.333333Y|	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3846	ALL	401888.9	3782169	1.08E-07	1.333333Y|	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3847	ALL	401908.9	3782169	1.12E-07	1.333333Y|	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3848	ALL	401928.9	3782169	1.20E-07	1.333333Y|	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3849	ALL	401948.9	3782169	1.33E-07	1.333333Y|	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3850	ALL	401968.9	3782169	1.25E-07	1.333333Y|	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3851	ALL	401988.9	3782169	1.18E-07	1.333333Y|	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3852	ALL	402008.9	3782169	1.18E-07	1.333333Y|	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3853	ALL	402028.9	3782169	1.23E-07	1.333333Y|	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3854	ALL	402048.9	3782169	1.28E-07	1.333333Y|	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3855	ALL	402068.9	3782169	1.34E-07	1.333333Y|	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3856	ALL	402088.9	3782169	1.45E-07	1.333333Y|	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3857	ALL	402108.9	3782169	1.45E-07	1.333333Y|	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3858	ALL	402128.9	3782169	1.49E-07	1.333333Y|	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3859	ALL	402148.9	3782169	1.61E-07	1.333333Y|	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3860	ALL	402168.9	3782169	2.05E-07	1.333333Y|	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3861	ALL	402188.9	3782169	2.01E-07	1.333333Y|	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3862	ALL	402208.9	3782169	1.73E-07	1.333333Y|	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3863	ALL	402228.9	3782169	1.41E-07	1.333333Y|	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3864	ALL	402248.9	3782169	1.33E-07	1.333333Y|	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3865	ALL	402268.9	3782169	1.30E-07	1.333333Y|	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3866	ALL	402288.9	3782169	1.28E-07	1.333333Y|	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3867	ALL	402308.9	3782169	1.28E-07	1.333333Y|	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3868	ALL	402328.9	3782169	1.28E-07	1.333333Y|	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3869	ALL	402348.9	3782169	1.29E-07	1.333333Y|	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3870	ALL	402368.9	3782169	1.31E-07	1.333333Y|	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3871	ALL	402388.9	3782169	1.34E-07	1.333333Y|	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3872	ALL	402408.9	3782169	1.37E-07	1.333333Y|	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3873	ALL	402428.9	3782169	1.43E-07	1.333333Y|	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3874	ALL	402448.9	3782169	1.52E-07	1.333333Y|	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3875	ALL	402468.9	3782169	1.54E-07	1.333333Y|	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3876	ALL	402488.9	3782169	1.47E-07	1.333333Y|	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3877	ALL	402508.9	3782169	1.44E-07	1.333333Y|	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3878	ALL	401308.9	3782189	6.99E-08	1.333333Y|	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3879	ALL	401328.9	3782189	6.61E-08	1.333333Y|	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3880	ALL	401348.9	3782189	6.87E-08	1.333333Y|	6.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3881	ALL	401368.9	3782189	6.78E-08	1.333333Y|	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3882	ALL	401388.9	3782189	7.01E-08	1.333333Y|	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3883	ALL	401408.9	3782189	7.25E-08	1.333333Y|	7.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3884	ALL	401428.9	3782189	7.43E-08	1.333333Y|	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3885	ALL	401448.9	3782189	7.76E-08	1.333333Y|	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3886	ALL	401468.9	3782189	8.08E-08	1.333333Y|	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3887	ALL	401488.9	3782189	7.96E-08	1.333333Y|	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3888	ALL	401508.9	3782189	7.38E-08	1.333333Y|	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3889	ALL	401528.9	3782189	7.22E-08	1.333333Y|	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3890	ALL	401548.9	3782189	7.35E-08	1.333333Y|	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3891	ALL	401568.9	3782189	7.41E-08	1.333333Y|	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3892	ALL	401588.9	3782189	7.63E-08	1.333333Y|	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3893	ALL	401608.9	3782189	7.80E-08	1.333333Y|	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3894	ALL	401628.9	3782189	7.95E-08	1.333333Y|	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3895	ALL	401648.9	3782189	8.13E-08	1.333333Y|	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3896	ALL	401668.9	3782189	8.48E-08	1.333333Y|	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3897	ALL	401688.9	3782189	8.52E-08	1.333333Y|	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3898	ALL	401708.9	3782189	8.63E-08	1.333333Y|	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3899	ALL	401728.9	3782189	8.94E-08	1.333333Y|	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3900	ALL	401748.9	3782189	9.32E-08	1.333333Y|	9.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3901	ALL	401768.9	3782189	9.80E-08	1.333333Y|	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3902	ALL	401788.9	3782189	1.05E-07	1.333333Y|	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3903	ALL	401808.9	3782189	1.01E-07	1.333333Y|	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3904	ALL	401828.9	3782189	9.80E-08	1.333333Y|	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3905	ALL	401848.9	3782189	9.72E-08	1.333333Y|	9.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3906	ALL	401868.9	3782189	9.73E-08	1.333333Y|	9.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3907	ALL	401888.9	3782189	9.95E-08	1.333333Y|	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3908	ALL	401908.9	3782189	1.03E-07	1.333333Y|	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3909	ALL	401928.9	3782189	1.08E-07	1.333333Y|	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3910	ALL	401948.9	3782189	1.18E-07	1.333333Y|	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3911	ALL	401968.9	3782189	1.12E-07	1.333333Y|	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3912	ALL	401988.9	3782189	1.06E-07	1.333333Y|	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3913	ALL	402008.9	3782189	1.05E-07	1.333333Y	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3914	ALL	402028.9	3782189	1.08E-07	1.333333Y	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3915	ALL	402048.9	3782189	1.11E-07	1.333333Y	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3916	ALL	402068.9	3782189	1.21E-07	1.333333Y	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3917	ALL	402088.9	3782189	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3918	ALL	402108.9	3782189	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3919	ALL	402128.9	3782189	1.30E-07	1.333333Y	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3920	ALL	402148.9	3782189	1.49E-07	1.333333Y	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3921	ALL	402168.9	3782189	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3922	ALL	402188.9	3782189	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3923	ALL	402208.9	3782189	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3924	ALL	402228.9	3782189	1.33E-07	1.333333Y	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3925	ALL	402248.9	3782189	1.26E-07	1.333333Y	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3926	ALL	402268.9	3782189	1.22E-07	1.333333Y	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3927	ALL	402288.9	3782189	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3928	ALL	402308.9	3782189	1.17E-07	1.333333Y	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3929	ALL	402328.9	3782189	1.17E-07	1.333333Y	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3930	ALL	402348.9	3782189	1.16E-07	1.333333Y	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3931	ALL	402368.9	3782189	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3932	ALL	402388.9	3782189	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3933	ALL	402408.9	3782189	1.24E-07	1.333333Y	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3934	ALL	402428.9	3782189	1.30E-07	1.333333Y	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3935	ALL	402448.9	3782189	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3936	ALL	402468.9	3782189	1.39E-07	1.333333Y	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3937	ALL	402488.9	3782189	1.33E-07	1.333333Y	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3938	ALL	402508.9	3782189	1.31E-07	1.333333Y	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3939	ALL	401308.9	3782209	6.22E-08	1.333333Y	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3940	ALL	401328.9	3782209	6.25E-08	1.333333Y	6.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3941	ALL	401348.9	3782209	6.18E-08	1.333333Y	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3942	ALL	401368.9	3782209	6.26E-08	1.333333Y	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3943	ALL	401388.9	3782209	6.27E-08	1.333333Y	6.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3944	ALL	401408.9	3782209	6.43E-08	1.333333Y	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3945	ALL	401428.9	3782209	6.65E-08	1.333333Y	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3946	ALL	401448.9	3782209	6.79E-08	1.333333Y	6.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3947	ALL	401468.9	3782209	7.05E-08	1.333333Y	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3948	ALL	401488.9	3782209	7.49E-08	1.333333Y	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3949	ALL	401508.9	3782209	7.13E-08	1.333333Y	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3950	ALL	401528.9	3782209	6.83E-08	1.333333Y	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3951	ALL	401548.9	3782209	6.77E-08	1.333333Y	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3952	ALL	401568.9	3782209	6.83E-08	1.333333Y	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3953	ALL	401588.9	3782209	7.00E-08	1.333333Y	7.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3954	ALL	401608.9	3782209	7.13E-08	1.333333Y	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3955	ALL	401628.9	3782209	7.30E-08	1.333333Y	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3956	ALL	401648.9	3782209	7.46E-08	1.333333Y	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3957	ALL	401668.9	3782209	7.75E-08	1.333333Y	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3958	ALL	401688.9	3782209	7.82E-08	1.333333Y	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3959	ALL	401708.9	3782209	7.93E-08	1.333333Y	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3960	ALL	401728.9	3782209	8.18E-08	1.333333Y	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3961	ALL	401748.9	3782209	8.52E-08	1.333333Y	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3962	ALL	401768.9	3782209	9.01E-08	1.333333Y	9.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3963	ALL	401788.9	3782209	9.41E-08	1.333333Y	9.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3964	ALL	401808.9	3782209	9.13E-08	1.333333Y	9.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3965	ALL	401828.9	3782209	8.96E-08	1.333333Y	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3966	ALL	401848.9	3782209	8.89E-08	1.333333Y	8.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3967	ALL	401868.9	3782209	8.94E-08	1.333333Y	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3968	ALL	401888.9	3782209	9.10E-08	1.333333Y	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3969	ALL	401908.9	3782209	9.42E-08	1.333333Y	9.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3970	ALL	401928.9	3782209	9.92E-08	1.333333Y	9.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3971	ALL	401948.9	3782209	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3972	ALL	401968.9	3782209	1.00E-07	1.333333Y	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3973	ALL	401988.9	3782209	9.56E-08	1.333333Y	9.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3974	ALL	402008.9	3782209	9.48E-08	1.333333Y	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3975	ALL	402028.9	3782209	9.79E-08	1.333333Y	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3976	ALL	402048.9	3782209	1.04E-07	1.333333Y	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3977	ALL	402068.9	3782209	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3978	ALL	402088.9	3782209	1.11E-07	1.333333Y	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3979	ALL	402108.9	3782209	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3980	ALL	402128.9	3782209	1.21E-07	1.333333Y	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3981	ALL	402148.9	3782209	1.32E-07	1.333333Y	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3982	ALL	402168.9	3782209	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3983	ALL	402188.9	3782209	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3984	ALL	402208.9	3782209	1.33E-07	1.333333Y	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3985	ALL	402228.9	3782209	1.26E-07	1.333333Y	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3986	ALL	402248.9	3782209	1.19E-07	1.333333Y	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3987	ALL	402268.9	3782209	1.13E-07	1.333333Y	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3988	ALL	402288.9	3782209	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3989	ALL	402308.9	3782209	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3990	ALL	402328.9	3782209	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3991	ALL	402348.9	3782209	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3992	ALL	402368.9	3782209	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3993	ALL	402388.9	3782209	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3994	ALL	402408.9	3782209	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3995	ALL	402428.9	3782209	1.16E-07	1.333333Y	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3996	ALL	402448.9	3782209	1.22E-07	1.333333Y	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3997	ALL	402468.9	3782209	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3998	ALL	402488.9	3782209	1.22E-07	1.333333Y	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3999	ALL	402508.9	3782209	1.19E-07	1.333333Y	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4000	ALL	402116.1	3781609	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4001	ALL	402111.6	3781632	4.80E-06	1.333333Y	4.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4002	ALL	402072.8	3781725	7.59E-06	1.333333Y	7.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4003	ALL	402058.7	3781777	7.08E-06	1.333333Y	7.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4004	ALL		402061.5	3781813	5.40E-06	1.333333Y	5.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4005	ALL		402065.5	3781835	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4006	ALL		401913.1	3781830	9.38E-06	1.333333Y	9.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4007	ALL		401870.3	3781887	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4008	ALL		401788.8	3781885	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4009	ALL		401791	3781612	3.84E-06	1.333333Y	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		399068	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
2	ALL		399349.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05
3	ALL		399631.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
4	ALL		399913.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
5	ALL		400195.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
6	ALL		400477	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
7	ALL		400758.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05
8	ALL		401040.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
9	ALL		401322.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
10	ALL		401604.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05
11	ALL		401886	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
12	ALL		402167.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05
13	ALL		402449.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
14	ALL		402731.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05
15	ALL		403013.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
16	ALL		403295	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
17	ALL		403576.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
18	ALL		403858.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
19	ALL		404140.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
20	ALL		404422.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
21	ALL		404704	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
22	ALL		399068	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
23	ALL		399349.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
24	ALL		399631.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
25	ALL		399913.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
26	ALL		400195.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
27	ALL		400477	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
28	ALL		400758.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
29	ALL		401040.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05
30	ALL		401322.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05
31	ALL		401604.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05
32	ALL		401886	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
33	ALL		402167.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
34	ALL		402449.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05
35	ALL		402731.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
36	ALL		403013.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05
37	ALL		403295	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05
38	ALL		403576.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
39	ALL		403858.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
40	ALL		404140.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
41	ALL		404422.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
42	ALL		404704	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
43	ALL		399068	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
44	ALL		399349.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05
45	ALL		399631.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
46	ALL		399913.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
47	ALL		400195.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
48	ALL		400477	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
49	ALL		400758.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05
50	ALL		401040.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05
51	ALL		401322.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
52	ALL		401604.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
53	ALL		401886	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05
54	ALL		402167.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05
55	ALL		402449.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05
56	ALL		402731.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05
57	ALL		403013.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
58	ALL		403295	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
59	ALL		403576.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05
60	ALL		403858.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
61	ALL		404140.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
62	ALL		404422.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05
63	ALL		404704	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
64	ALL		399068	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05
65	ALL		399349.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05
66	ALL		399631.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05
67	ALL		399913.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05
68	ALL		400195.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
69	ALL		400477	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05
70	ALL		400758.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
71	ALL		401040.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05
72	ALL		401322.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05
73	ALL		401604.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05
74	ALL		401886	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05
75	ALL		402167.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05
76	ALL		402449.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05
77	ALL		402731.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05
78	ALL		403013.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
79	ALL		403295	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05
80	ALL		403576.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05
81	ALL		403858.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
82	ALL		404140.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
83	ALL		404422.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
84	ALL		404704	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
85	ALL		399068	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
86	ALL		399349.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
87	ALL		399631.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
88	ALL		399913.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05
89	ALL		400195.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
90	ALL		400477	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
91	ALL		400758.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
92	ALL		401040.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
93	ALL		401322.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05
94	ALL		401604.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05
95	ALL		401886	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05
96	ALL		402167.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05
97	ALL		402449.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05
98	ALL		402731.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05

#		X	Y	Type	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15
99	ALL	403013.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
100	ALL	403295	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05
101	ALL	403576.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05
102	ALL	403858.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
103	ALL	404140.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
104	ALL	404422.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
105	ALL	404704	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
106	ALL	399068	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
107	ALL	399349.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05
108	ALL	399631.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
109	ALL	399913.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
110	ALL	400195.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
111	ALL	400477	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
112	ALL	400758.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05
113	ALL	401040.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05
114	ALL	401322.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05
115	ALL	401604.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05
116	ALL	401886	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05
117	ALL	402167.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-05
118	ALL	402449.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05
119	ALL	402731.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05
120	ALL	403013.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
121	ALL	403295	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05
122	ALL	403576.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05
123	ALL	403858.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
124	ALL	404140.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
125	ALL	404422.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
126	ALL	404704	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
127	ALL	399068	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
128	ALL	399349.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
129	ALL	399631.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
130	ALL	399913.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
131	ALL	400195.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
132	ALL	400477	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05
133	ALL	400758.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05
134	ALL	401040.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-05
135	ALL	401322.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05
136	ALL	401604.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05
137	ALL	401886	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05
138	ALL	402167.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
139	ALL	402449.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-05
140	ALL	402731.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
141	ALL	403013.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
142	ALL	403295	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05
143	ALL	403576.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05
144	ALL	403858.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
145	ALL	404140.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05
146	ALL	404422.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
147	ALL	404704	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
148	ALL	399068	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
149	ALL	399349.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05
150	ALL	399631.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05
151	ALL	399913.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
152	ALL	400195.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05
153	ALL	400477	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05
154	ALL	400758.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05
155	ALL	401040.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05
156	ALL	401322.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-05
157	ALL	401604.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
158	ALL	401886	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
159	ALL	402167.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
160	ALL	402449.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
161	ALL	402731.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
162	ALL	403013.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
163	ALL	403295	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05
164	ALL	403576.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05
165	ALL	403858.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05
166	ALL	404140.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05
167	ALL	404422.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
168	ALL	404704	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05
169	ALL	399068	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
170	ALL	399349.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
171	ALL	399631.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05
172	ALL	399913.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05
173	ALL	400195.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05
174	ALL	400477	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05
175	ALL	400758.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
176	ALL	401040.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05
177	ALL	401322.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
178	ALL	401604.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
179	ALL	401886	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
180	ALL	402167.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
181	ALL	402449.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
182	ALL	402731.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
183	ALL	403013.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
184	ALL	403295	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05
185	ALL	403576.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-05
186	ALL	403858.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05
187	ALL	404140.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05
188	ALL	404422.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05
189	ALL	404704	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
190	ALL	399068	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05
191	ALL	399349.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
192	ALL	399631.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05
193	ALL	399913.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05
194	ALL	400195.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05
195	ALL	400477	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-05
196	ALL	400758.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05
197	ALL	401040.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04

#																			
198	ALL	401322.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
199	ALL	401604.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
200	ALL	401886	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
201	ALL	402167.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
202	ALL	402449.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
203	ALL	402731.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
204	ALL	403013.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04
205	ALL	403295	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
206	ALL	403576.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-05
207	ALL	403858.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05
208	ALL	404140.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05
209	ALL	404422.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05
210	ALL	404704	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
211	ALL	399068	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
212	ALL	399349.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
213	ALL	399631.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05
214	ALL	399913.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05
215	ALL	400195.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05
216	ALL	400477	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-05
217	ALL	400758.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05
218	ALL	401040.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
219	ALL	401322.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
220	ALL	401604.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
221	ALL	401886	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
222	ALL	402167.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
223	ALL	402449.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
224	ALL	402731.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
225	ALL	403013.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04
226	ALL	403295	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
227	ALL	403576.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05
228	ALL	403858.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05
229	ALL	404140.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
230	ALL	404422.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
231	ALL	404704	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05
232	ALL	399068	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
233	ALL	399349.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05
234	ALL	399631.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05
235	ALL	399913.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05
236	ALL	400195.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05
237	ALL	400477	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05
238	ALL	400758.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05
239	ALL	401040.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
240	ALL	401322.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
241	ALL	401604.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
242	ALL	402167.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
243	ALL	402449.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
244	ALL	402731.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
245	ALL	403013.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
246	ALL	403295	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
247	ALL	403576.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05
248	ALL	403858.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05
249	ALL	404140.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05
250	ALL	404422.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05
251	ALL	404704	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
252	ALL	399068	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
253	ALL	399349.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
254	ALL	399631.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05
255	ALL	399913.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
256	ALL	400195.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05
257	ALL	400477	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05
258	ALL	400758.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05
259	ALL	401040.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05
260	ALL	401322.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05
261	ALL	401604.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
262	ALL	401886	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
263	ALL	402167.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
264	ALL	402449.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
265	ALL	402731.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
266	ALL	403013.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
267	ALL	403295	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
268	ALL	403576.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05
269	ALL	403858.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05
270	ALL	404140.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
271	ALL	404422.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05
272	ALL	404704	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
273	ALL	399068	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
274	ALL	399349.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05
275	ALL	399631.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05
276	ALL	399913.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
277	ALL	400195.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
278	ALL	400477	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
279	ALL	400758.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05
280	ALL	401040.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05
281	ALL	401322.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05
282	ALL	401604.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05
283	ALL	401886	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-05
284	ALL	402167.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05
285	ALL	402449.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05
286	ALL	402731.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-05
287	ALL	403013.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05
288	ALL	403295	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05
289	ALL	403576.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05
290	ALL	403858.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-05
291	ALL	404140.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05
292	ALL	404422.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
293	ALL	404704	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
294	ALL	399068	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
295	ALL	399349.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
296	ALL	399631.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05

297	ALL	399913.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
298	ALL	400195.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
299	ALL	400477	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
300	ALL	400758.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
301	ALL	401040.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
302	ALL	401322.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
303	ALL	401604.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05
304	ALL	401886	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
305	ALL	402167.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
306	ALL	402449.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
307	ALL	402731.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
308	ALL	403013.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
309	ALL	403295	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
310	ALL	403576.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
311	ALL	403858.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
312	ALL	404140.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-05
313	ALL	404422.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
314	ALL	404704	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05
315	ALL	399068	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
316	ALL	399349.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05
317	ALL	399631.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-06
318	ALL	399913.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
319	ALL	400195.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05
320	ALL	400477	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
321	ALL	400758.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05
322	ALL	401040.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05
323	ALL	401322.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
324	ALL	401604.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
325	ALL	401886	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
326	ALL	402167.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
327	ALL	402449.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05
328	ALL	402731.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
329	ALL	403013.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05
330	ALL	403295	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
331	ALL	403576.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
332	ALL	403858.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
333	ALL	404140.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
334	ALL	404422.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
335	ALL	404704	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
336	ALL	399068	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
337	ALL	399349.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05
338	ALL	399631.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-06
339	ALL	399913.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-06
340	ALL	400195.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-06
341	ALL	400477	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-06
342	ALL	400758.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-06
343	ALL	401040.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-06
344	ALL	401322.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05
345	ALL	401604.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05
346	ALL	401886	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05
347	ALL	402167.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
348	ALL	402449.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05
349	ALL	402731.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05
350	ALL	403013.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
351	ALL	403295	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05
352	ALL	403576.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
353	ALL	403858.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
354	ALL	404140.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
355	ALL	404422.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
356	ALL	404704	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
357	ALL	399068	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-06
358	ALL	399349.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-06
359	ALL	399631.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-06
360	ALL	399913.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-06
361	ALL	400195.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-06
362	ALL	400477	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-06
363	ALL	400758.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-06
364	ALL	401040.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-06
365	ALL	401322.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-06
366	ALL	401604.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-06
367	ALL	401886	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-06
368	ALL	402167.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-06
369	ALL	402449.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-06
370	ALL	402731.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-06
371	ALL	403013.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-06
372	ALL	403295	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-06
373	ALL	403576.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05
374	ALL	403858.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
375	ALL	404140.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
376	ALL	404422.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
377	ALL	404704	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
378	ALL	399068	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-06
379	ALL	399349.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-06
380	ALL	399631.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-06
381	ALL	399913.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-06
382	ALL	400195.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-06
383	ALL	400477	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-06
384	ALL	400758.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-06
385	ALL	401040.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-06
386	ALL	401322.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-06
387	ALL	401604.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-06
388	ALL	401886	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-06
389	ALL	402167.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-06
390	ALL	402449.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-06
391	ALL	402731.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-06
392	ALL	403013.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-06
393	ALL	403295	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-06
394	ALL	403576.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-06
395	ALL	403858.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-06

396	ALL	404140.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-06
397	ALL	404422.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-06
398	ALL	404704	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-06
399	ALL	399068	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-06
400	ALL	399349.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-06
401	ALL	399631.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-06
402	ALL	399913.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-06
403	ALL	400195.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-06
404	ALL	400477	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06
405	ALL	400758.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-06
406	ALL	401040.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-06
407	ALL	401322.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-06
408	ALL	401604.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-06
409	ALL	401886	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-06
410	ALL	402167.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06
411	ALL	402449.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-06
412	ALL	402731.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-06
413	ALL	403013.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-06
414	ALL	403295	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-06
415	ALL	403576.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-06
416	ALL	403858.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-06
417	ALL	404140.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-06
418	ALL	404422.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-06
419	ALL	404704	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-06
420	ALL	399068	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-06
421	ALL	399349.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-06
422	ALL	399631.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-06
423	ALL	399913.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-06
424	ALL	400195.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-06
425	ALL	400477	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-06
426	ALL	400758.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06
427	ALL	401040.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-06
428	ALL	401322.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06
429	ALL	401604.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-06
430	ALL	401886	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06
431	ALL	402167.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06
432	ALL	402449.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06
433	ALL	402731.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-06
434	ALL	403013.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-06
435	ALL	403295	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-06
436	ALL	403576.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-06
437	ALL	403858.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-06
438	ALL	404140.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-06
439	ALL	404422.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06
440	ALL	404704	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-06
441	ALL	401308.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
442	ALL	401328.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
443	ALL	401348.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
444	ALL	401368.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
445	ALL	401388.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
446	ALL	401408.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
447	ALL	401428.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
448	ALL	401448.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
449	ALL	401468.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
450	ALL	401488.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
451	ALL	401508.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
452	ALL	401528.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
453	ALL	401548.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
454	ALL	401568.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
455	ALL	401588.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
456	ALL	401608.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
457	ALL	401628.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
458	ALL	401648.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
459	ALL	401668.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
460	ALL	401688.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
461	ALL	401708.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
462	ALL	401728.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
463	ALL	401748.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
464	ALL	401768.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
465	ALL	401788.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
466	ALL	401808.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
467	ALL	401828.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
468	ALL	401848.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
469	ALL	401868.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
470	ALL	401888.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
471	ALL	401908.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
472	ALL	401928.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
473	ALL	401948.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
474	ALL	401968.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
475	ALL	401988.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
476	ALL	402008.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
477	ALL	402028.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
478	ALL	402048.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
479	ALL	402068.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
480	ALL	402088.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
481	ALL	402108.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
482	ALL	402128.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
483	ALL	402148.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
484	ALL	402168.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
485	ALL	402188.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
486	ALL	402208.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
487	ALL	402228.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
488	ALL	402248.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
489	ALL	402268.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
490	ALL	402288.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
491	ALL	402308.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
492	ALL	402328.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
493	ALL	402348.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
494	ALL	402368.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04

495	ALL	402388.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
496	ALL	402408.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
497	ALL	402428.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
498	ALL	402448.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
499	ALL	402468.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
500	ALL	402488.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
501	ALL	402508.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
502	ALL	401308.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
503	ALL	401328.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
504	ALL	401348.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
505	ALL	401368.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
506	ALL	401388.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
507	ALL	401408.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
508	ALL	401428.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
509	ALL	401448.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
510	ALL	401468.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
511	ALL	401488.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
512	ALL	401508.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
513	ALL	401528.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
514	ALL	401548.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
515	ALL	401568.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
516	ALL	401588.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
517	ALL	401608.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
518	ALL	401628.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
519	ALL	401648.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
520	ALL	401668.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
521	ALL	401688.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
522	ALL	401708.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
523	ALL	401728.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
524	ALL	401748.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
525	ALL	401768.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
526	ALL	401788.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
527	ALL	401808.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
528	ALL	401828.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
529	ALL	401848.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
530	ALL	401868.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
531	ALL	401888.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
532	ALL	401908.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
533	ALL	401928.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
534	ALL	401948.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
535	ALL	401968.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
536	ALL	401988.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
537	ALL	402008.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
538	ALL	402028.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
539	ALL	402048.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
540	ALL	402068.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
541	ALL	402088.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
542	ALL	402108.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
543	ALL	402128.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
544	ALL	402148.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
545	ALL	402168.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
546	ALL	402188.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
547	ALL	402208.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
548	ALL	402228.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
549	ALL	402248.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
550	ALL	402268.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
551	ALL	402288.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
552	ALL	402308.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
553	ALL	402328.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
554	ALL	402348.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
555	ALL	402368.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
556	ALL	402388.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
557	ALL	402408.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
558	ALL	402428.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
559	ALL	402448.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
560	ALL	402468.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
561	ALL	402488.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
562	ALL	402508.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
563	ALL	401308.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
564	ALL	401328.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
565	ALL	401348.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
566	ALL	401368.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
567	ALL	401388.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
568	ALL	401408.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
569	ALL	401428.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
570	ALL	401448.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
571	ALL	401468.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
572	ALL	401488.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
573	ALL	401508.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
574	ALL	401528.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
575	ALL	401548.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
576	ALL	401568.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
577	ALL	401588.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
578	ALL	401608.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
579	ALL	401628.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
580	ALL	401648.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
581	ALL	401668.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
582	ALL	401688.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
583	ALL	401708.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
584	ALL	401728.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
585	ALL	401748.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
586	ALL	401768.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
587	ALL	401788.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
588	ALL	401808.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
589	ALL	401828.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
590	ALL	401848.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
591	ALL	401868.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
592	ALL	401888.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
593	ALL	401908.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04

594 ALL	401928.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
595 ALL	401948.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
596 ALL	401968.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
597 ALL	401988.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
598 ALL	402008.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
599 ALL	402028.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
600 ALL	402048.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
601 ALL	402068.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
602 ALL	402088.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
603 ALL	402108.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
604 ALL	402128.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
605 ALL	402148.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
606 ALL	402168.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
607 ALL	402188.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
608 ALL	402208.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
609 ALL	402228.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
610 ALL	402248.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
611 ALL	402268.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
612 ALL	402288.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
613 ALL	402308.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
614 ALL	402328.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
615 ALL	402348.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
616 ALL	402368.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
617 ALL	402388.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
618 ALL	402408.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
619 ALL	402428.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
620 ALL	402448.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
621 ALL	402468.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
622 ALL	402488.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
623 ALL	402508.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
624 ALL	401308.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
625 ALL	401328.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
626 ALL	401348.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
627 ALL	401368.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
628 ALL	401388.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
629 ALL	401408.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
630 ALL	401428.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
631 ALL	401448.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
632 ALL	401468.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
633 ALL	401488.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
634 ALL	401508.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
635 ALL	401528.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
636 ALL	401548.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
637 ALL	401568.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
638 ALL	401588.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
639 ALL	401608.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
640 ALL	401628.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
641 ALL	401648.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
642 ALL	401668.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
643 ALL	401688.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
644 ALL	401708.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
645 ALL	401728.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
646 ALL	401748.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
647 ALL	401768.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
648 ALL	401788.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
649 ALL	401808.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
650 ALL	401828.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
651 ALL	401848.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
652 ALL	401868.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
653 ALL	401888.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
654 ALL	401908.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
655 ALL	401928.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
656 ALL	401948.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
657 ALL	401968.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
658 ALL	401988.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
659 ALL	402008.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
660 ALL	402028.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
661 ALL	402048.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
662 ALL	402068.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
663 ALL	402088.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
664 ALL	402108.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
665 ALL	402128.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
666 ALL	402148.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
667 ALL	402168.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
668 ALL	402188.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
669 ALL	402208.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
670 ALL	402228.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
671 ALL	402248.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
672 ALL	402268.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
673 ALL	402288.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
674 ALL	402308.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
675 ALL	402328.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
676 ALL	402348.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
677 ALL	402368.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
678 ALL	402388.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
679 ALL	402408.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
680 ALL	402428.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
681 ALL	402448.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
682 ALL	402468.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
683 ALL	402488.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
684 ALL	402508.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
685 ALL	401308.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
686 ALL	401328.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
687 ALL	401348.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
688 ALL	401368.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
689 ALL	401388.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
690 ALL	401408.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
691 ALL	401428.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
692 ALL	401448.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04

693 ALL	401468.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
694 ALL	401488.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
695 ALL	401508.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
696 ALL	401528.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
697 ALL	401548.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
698 ALL	401568.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
699 ALL	401588.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
700 ALL	401608.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
701 ALL	401628.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
702 ALL	401648.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
703 ALL	401668.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
704 ALL	401688.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
705 ALL	401708.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
706 ALL	401728.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
707 ALL	401748.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
708 ALL	401768.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
709 ALL	401788.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
710 ALL	401808.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
711 ALL	401828.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
712 ALL	401848.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
713 ALL	401868.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
714 ALL	401888.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
715 ALL	401908.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
716 ALL	401928.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
717 ALL	401948.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
718 ALL	401968.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
719 ALL	401988.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
720 ALL	402008.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
721 ALL	402028.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
722 ALL	402048.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
723 ALL	402068.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
724 ALL	402088.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
725 ALL	402108.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
726 ALL	402128.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
727 ALL	402148.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
728 ALL	402168.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
729 ALL	402188.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
730 ALL	402208.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
731 ALL	402228.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
732 ALL	402248.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
733 ALL	402268.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
734 ALL	402288.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
735 ALL	402308.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
736 ALL	402328.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
737 ALL	402348.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
738 ALL	402368.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
739 ALL	402388.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
740 ALL	402408.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
741 ALL	402428.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
742 ALL	402448.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
743 ALL	402468.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
744 ALL	402488.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
745 ALL	402508.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
746 ALL	401308.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
747 ALL	401328.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
748 ALL	401348.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
749 ALL	401368.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
750 ALL	401388.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
751 ALL	401408.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
752 ALL	401428.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
753 ALL	401448.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
754 ALL	401468.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
755 ALL	401488.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
756 ALL	401508.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
757 ALL	401528.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
758 ALL	401548.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
759 ALL	401568.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
760 ALL	401588.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
761 ALL	401608.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
762 ALL	401628.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
763 ALL	401648.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
764 ALL	401668.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
765 ALL	401688.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
766 ALL	401708.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
767 ALL	401728.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
768 ALL	401748.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
769 ALL	401768.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
770 ALL	401788.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
771 ALL	401808.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
772 ALL	401828.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
773 ALL	401848.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
774 ALL	401868.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
775 ALL	401888.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
776 ALL	401908.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
777 ALL	401928.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
778 ALL	401948.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
779 ALL	401968.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
780 ALL	401988.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
781 ALL	402008.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
782 ALL	402028.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
783 ALL	402048.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
784 ALL	402068.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
785 ALL	402088.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
786 ALL	402108.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
787 ALL	402128.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
788 ALL	402148.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
789 ALL	402168.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
790 ALL	402188.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
791 ALL	402208.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04

792	ALL	402228.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
793	ALL	402248.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
794	ALL	402268.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
795	ALL	402288.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
796	ALL	402308.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
797	ALL	402328.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
798	ALL	402348.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
799	ALL	402368.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
800	ALL	402388.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
801	ALL	402408.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
802	ALL	402428.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
803	ALL	402448.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
804	ALL	402468.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
805	ALL	402488.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
806	ALL	402508.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
807	ALL	401308.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
808	ALL	401328.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
809	ALL	401348.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
810	ALL	401368.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
811	ALL	401388.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
812	ALL	401408.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
813	ALL	401428.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
814	ALL	401448.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
815	ALL	401468.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
816	ALL	401488.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
817	ALL	401508.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
818	ALL	401528.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
819	ALL	401548.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
820	ALL	401568.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
821	ALL	401588.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
822	ALL	401608.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
823	ALL	401628.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
824	ALL	401648.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
825	ALL	401668.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
826	ALL	401688.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
827	ALL	401708.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
828	ALL	401728.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
829	ALL	401748.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
830	ALL	401768.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
831	ALL	401788.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
832	ALL	401808.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
833	ALL	401828.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
834	ALL	401848.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
835	ALL	401868.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
836	ALL	401888.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
837	ALL	401908.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
838	ALL	401928.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
839	ALL	401948.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
840	ALL	401968.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
841	ALL	401988.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
842	ALL	402008.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
843	ALL	402028.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
844	ALL	402048.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
845	ALL	402068.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
846	ALL	402088.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
847	ALL	402108.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
848	ALL	402128.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
849	ALL	402148.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
850	ALL	402168.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
851	ALL	402188.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
852	ALL	402208.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
853	ALL	402228.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
854	ALL	402248.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
855	ALL	402268.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
856	ALL	402288.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
857	ALL	402308.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
858	ALL	402328.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
859	ALL	402348.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
860	ALL	402368.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
861	ALL	402388.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
862	ALL	402408.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
863	ALL	402428.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
864	ALL	402448.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
865	ALL	402468.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
866	ALL	402488.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
867	ALL	402508.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
868	ALL	401308.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
869	ALL	401328.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
870	ALL	401348.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
871	ALL	401368.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
872	ALL	401388.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
873	ALL	401408.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
874	ALL	401428.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
875	ALL	401448.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
876	ALL	401468.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
877	ALL	401488.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
878	ALL	401508.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
879	ALL	401528.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
880	ALL	401548.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
881	ALL	401568.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
882	ALL	401588.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
883	ALL	401608.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
884	ALL	401628.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
885	ALL	401648.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
886	ALL	401668.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
887	ALL	401688.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
888	ALL	401708.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
889	ALL	401728.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
890	ALL	401748.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04

891	ALL	401768.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
892	ALL	401788.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
893	ALL	401808.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
894	ALL	401828.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
895	ALL	401848.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
896	ALL	401868.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
897	ALL	401888.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
898	ALL	401908.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
899	ALL	401928.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
900	ALL	401948.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
901	ALL	401968.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
902	ALL	401988.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
903	ALL	402008.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
904	ALL	402028.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
905	ALL	402048.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
906	ALL	402068.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
907	ALL	402088.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
908	ALL	402108.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
909	ALL	402128.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
910	ALL	402148.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
911	ALL	402168.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
912	ALL	402188.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
913	ALL	402208.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
914	ALL	402228.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
915	ALL	402248.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
916	ALL	402268.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
917	ALL	402288.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
918	ALL	402308.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
919	ALL	402328.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
920	ALL	402348.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
921	ALL	402368.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
922	ALL	402388.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
923	ALL	402408.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
924	ALL	402428.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
925	ALL	402448.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
926	ALL	402468.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
927	ALL	402488.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
928	ALL	402508.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
929	ALL	401308.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
930	ALL	401328.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
931	ALL	401348.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
932	ALL	401368.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
933	ALL	401388.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
934	ALL	401408.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
935	ALL	401428.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
936	ALL	401448.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
937	ALL	401468.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
938	ALL	401488.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
939	ALL	401508.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
940	ALL	401528.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
941	ALL	401548.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
942	ALL	401568.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
943	ALL	401588.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
944	ALL	401608.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
945	ALL	401628.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
946	ALL	401648.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
947	ALL	401668.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
948	ALL	401688.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
949	ALL	401708.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
950	ALL	401728.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
951	ALL	401748.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
952	ALL	401768.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
953	ALL	401788.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
954	ALL	401808.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
955	ALL	401828.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
956	ALL	401848.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
957	ALL	401868.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
958	ALL	401888.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
959	ALL	401908.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
960	ALL	401928.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
961	ALL	401948.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
962	ALL	401968.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
963	ALL	401988.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
964	ALL	402008.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
965	ALL	402028.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
966	ALL	402048.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
967	ALL	402068.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
968	ALL	402088.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
969	ALL	402108.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
970	ALL	402128.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
971	ALL	402148.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
972	ALL	402168.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
973	ALL	402188.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
974	ALL	402208.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
975	ALL	402228.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
976	ALL	402248.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
977	ALL	402268.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
978	ALL	402288.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
979	ALL	402308.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
980	ALL	402328.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
981	ALL	402348.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
982	ALL	402368.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
983	ALL	402388.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
984	ALL	402408.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
985	ALL	402428.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
986	ALL	402448.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
987	ALL	402468.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
988	ALL	402488.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
989	ALL	402508.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04

990	ALL	401308.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
991	ALL	401328.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
992	ALL	401348.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
993	ALL	401368.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
994	ALL	401388.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
995	ALL	401408.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
996	ALL	401428.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
997	ALL	401448.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
998	ALL	401468.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
999	ALL	401488.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
1000	ALL	401508.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
1001	ALL	401528.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
1002	ALL	401548.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1003	ALL	401568.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1004	ALL	401588.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
1005	ALL	401608.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
1006	ALL	401628.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1007	ALL	401648.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1008	ALL	401668.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1009	ALL	401688.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1010	ALL	401708.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
1011	ALL	401728.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
1012	ALL	401748.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1013	ALL	401768.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
1014	ALL	401788.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1015	ALL	401808.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1016	ALL	401828.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
1017	ALL	401848.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1018	ALL	401868.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1019	ALL	401888.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
1020	ALL	401908.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1021	ALL	401928.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
1022	ALL	401948.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
1023	ALL	401968.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
1024	ALL	401988.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1025	ALL	402008.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
1026	ALL	402028.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
1027	ALL	402048.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1028	ALL	402068.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1029	ALL	402088.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
1030	ALL	402108.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
1031	ALL	402128.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1032	ALL	402148.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1033	ALL	402168.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
1034	ALL	402188.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1035	ALL	402208.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
1036	ALL	402228.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
1037	ALL	402248.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1038	ALL	402268.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
1039	ALL	402288.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
1040	ALL	402308.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1041	ALL	402328.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1042	ALL	402348.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1043	ALL	402368.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
1044	ALL	402388.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
1045	ALL	402408.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
1046	ALL	402428.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1047	ALL	402448.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
1048	ALL	402468.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
1049	ALL	402488.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1050	ALL	402508.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
1051	ALL	401308.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
1052	ALL	401328.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1053	ALL	401348.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
1054	ALL	401368.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
1055	ALL	401388.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1056	ALL	401408.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
1057	ALL	401428.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
1058	ALL	401448.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
1059	ALL	401468.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
1060	ALL	401488.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
1061	ALL	401508.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
1062	ALL	401528.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1063	ALL	401548.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
1064	ALL	401568.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
1065	ALL	401588.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
1066	ALL	401608.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1067	ALL	401628.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1068	ALL	401648.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1069	ALL	401668.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
1070	ALL	401688.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1071	ALL	401708.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
1072	ALL	401728.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1073	ALL	401748.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
1074	ALL	401768.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1075	ALL	401788.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
1076	ALL	401808.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
1077	ALL	401828.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1078	ALL	401848.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1079	ALL	401868.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
1080	ALL	401888.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1081	ALL	401908.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
1082	ALL	401928.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1083	ALL	401948.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1084	ALL	401968.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
1085	ALL	401988.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1086	ALL	402008.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
1087	ALL	402028.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1088	ALL	402048.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04

					1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
1089	ALL	402068.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
1090	ALL	402088.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1091	ALL	402108.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1092	ALL	402128.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
1093	ALL	402148.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
1094	ALL	402168.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
1095	ALL	402188.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1096	ALL	402208.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1097	ALL	402228.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
1098	ALL	402248.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1099	ALL	402268.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1100	ALL	402288.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
1101	ALL	402308.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
1102	ALL	402328.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
1103	ALL	402348.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
1104	ALL	402368.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1105	ALL	402388.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1106	ALL	402408.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
1107	ALL	402428.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
1108	ALL	402448.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
1109	ALL	402468.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
1110	ALL	402488.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1111	ALL	402508.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
1112	ALL	401308.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1113	ALL	401328.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
1114	ALL	401348.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
1115	ALL	401368.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1116	ALL	401388.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1117	ALL	401408.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1118	ALL	401428.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1119	ALL	401448.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
1120	ALL	401468.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
1121	ALL	401488.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
1122	ALL	401508.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
1123	ALL	401528.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
1124	ALL	401548.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1125	ALL	401568.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1126	ALL	401588.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1127	ALL	401608.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1128	ALL	401628.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1129	ALL	401648.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
1130	ALL	401668.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
1131	ALL	401688.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
1132	ALL	401708.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
1133	ALL	401728.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
1134	ALL	401748.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
1135	ALL	401768.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1136	ALL	401788.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
1137	ALL	401808.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
1138	ALL	401828.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
1139	ALL	401848.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
1140	ALL	401868.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
1141	ALL	401888.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1142	ALL	401908.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
1143	ALL	401928.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
1144	ALL	401948.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
1145	ALL	401968.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1146	ALL	401988.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
1147	ALL	402008.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
1148	ALL	402028.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
1149	ALL	402048.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
1150	ALL	402068.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
1151	ALL	402088.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
1152	ALL	402108.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1153	ALL	402128.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
1154	ALL	402148.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
1155	ALL	402168.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1156	ALL	402188.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
1157	ALL	402208.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
1158	ALL	402228.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1159	ALL	402248.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
1160	ALL	402268.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1161	ALL	402288.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
1162	ALL	402308.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1163	ALL	402328.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
1164	ALL	402348.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1165	ALL	402368.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
1166	ALL	402388.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
1167	ALL	402408.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1168	ALL	402428.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
1169	ALL	402448.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
1170	ALL	402468.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
1171	ALL	402488.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
1172	ALL	402508.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
1173	ALL	401308.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
1174	ALL	401328.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
1175	ALL	401348.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1176	ALL	401368.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1177	ALL	401388.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1178	ALL	401408.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
1179	ALL	401428.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1180	ALL	401448.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
1181	ALL	401468.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1182	ALL	401488.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
1183	ALL	401508.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
1184	ALL	401528.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1185	ALL	401548.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1186	ALL	401568.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1187	ALL	401588.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04

1188	ALL	401608.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
1189	ALL	401628.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
1190	ALL	401648.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1191	ALL	401668.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
1192	ALL	401688.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
1193	ALL	401708.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1194	ALL	401728.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
1195	ALL	401748.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1196	ALL	401768.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1197	ALL	401788.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
1198	ALL	401808.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
1199	ALL	401828.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
1200	ALL	401848.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
1201	ALL	401868.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
1202	ALL	401888.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
1203	ALL	401908.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
1204	ALL	401928.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
1205	ALL	401948.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
1206	ALL	401968.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
1207	ALL	401988.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
1208	ALL	402008.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
1209	ALL	402028.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
1210	ALL	402048.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
1211	ALL	402068.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
1212	ALL	402088.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
1213	ALL	402108.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1214	ALL	402128.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
1215	ALL	402148.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
1216	ALL	402168.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1217	ALL	402188.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
1218	ALL	402208.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
1219	ALL	402228.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
1220	ALL	402248.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1221	ALL	402268.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
1222	ALL	402288.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
1223	ALL	402308.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1224	ALL	402328.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
1225	ALL	402348.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1226	ALL	402368.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1227	ALL	402388.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
1228	ALL	402408.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
1229	ALL	402428.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1230	ALL	402448.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1231	ALL	402468.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
1232	ALL	402488.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
1233	ALL	402508.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
1234	ALL	401308.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
1235	ALL	401328.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1236	ALL	401348.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1237	ALL	401368.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1238	ALL	401388.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
1239	ALL	401408.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1240	ALL	401428.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
1241	ALL	401448.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
1242	ALL	401468.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
1243	ALL	401488.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
1244	ALL	401508.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1245	ALL	401528.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
1246	ALL	401548.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
1247	ALL	401568.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
1248	ALL	401588.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
1249	ALL	401608.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
1250	ALL	401628.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
1251	ALL	401648.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1252	ALL	401668.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
1253	ALL	401688.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
1254	ALL	401708.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1255	ALL	401728.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
1256	ALL	401748.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
1257	ALL	401768.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
1258	ALL	401788.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
1259	ALL	401808.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
1260	ALL	401828.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
1261	ALL	401848.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
1262	ALL	401868.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
1263	ALL	401888.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
1264	ALL	401908.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
1265	ALL	401928.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
1266	ALL	401948.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
1267	ALL	401968.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
1268	ALL	401988.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04
1269	ALL	402008.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
1270	ALL	402028.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
1271	ALL	402048.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
1272	ALL	402068.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
1273	ALL	402088.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
1274	ALL	402108.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
1275	ALL	402128.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
1276	ALL	402148.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
1277	ALL	402168.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1278	ALL	402188.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1279	ALL	402208.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1280	ALL	402228.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
1281	ALL	402248.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
1282	ALL	402268.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
1283	ALL	402288.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1284	ALL	402308.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
1285	ALL	402328.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
1286	ALL	402348.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04

1287	ALL	402368.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1288	ALL	402388.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
1289	ALL	402408.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1290	ALL	402428.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
1291	ALL	402448.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1292	ALL	402468.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1293	ALL	402488.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
1294	ALL	402508.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
1295	ALL	401308.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
1296	ALL	401328.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
1297	ALL	401348.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1298	ALL	401368.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1299	ALL	401388.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1300	ALL	401408.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
1301	ALL	401428.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1302	ALL	401448.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
1303	ALL	401468.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1304	ALL	401488.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
1305	ALL	401508.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1306	ALL	401528.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1307	ALL	401548.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
1308	ALL	401568.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1309	ALL	401588.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1310	ALL	401608.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
1311	ALL	401628.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
1312	ALL	401648.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
1313	ALL	401668.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
1314	ALL	401688.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
1315	ALL	401708.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
1316	ALL	401728.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
1317	ALL	401748.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
1318	ALL	401768.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
1319	ALL	401788.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04
1320	ALL	401808.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
1321	ALL	401828.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1322	ALL	401848.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
1323	ALL	401868.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
1324	ALL	401888.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1325	ALL	401908.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
1326	ALL	401928.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1327	ALL	401948.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1328	ALL	401968.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
1329	ALL	401988.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
1330	ALL	402008.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1331	ALL	402028.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1332	ALL	402048.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
1333	ALL	402068.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
1334	ALL	402088.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
1335	ALL	402108.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
1336	ALL	402128.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1337	ALL	402148.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
1338	ALL	402168.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
1339	ALL	402188.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
1340	ALL	402208.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1341	ALL	402228.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
1342	ALL	402248.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
1343	ALL	402268.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1344	ALL	402288.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
1345	ALL	402308.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
1346	ALL	402328.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
1347	ALL	402348.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1348	ALL	402368.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1349	ALL	402388.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
1350	ALL	402408.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1351	ALL	402428.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1352	ALL	402448.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
1353	ALL	402468.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
1354	ALL	402488.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1355	ALL	402508.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1356	ALL	401308.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
1357	ALL	401328.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
1358	ALL	401348.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1359	ALL	401368.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1360	ALL	401388.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
1361	ALL	401408.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1362	ALL	401428.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
1363	ALL	401448.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1364	ALL	401468.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1365	ALL	401488.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
1366	ALL	401508.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
1367	ALL	401528.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
1368	ALL	401548.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
1369	ALL	401568.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
1370	ALL	401588.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
1371	ALL	401608.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1372	ALL	401628.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1373	ALL	401648.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
1374	ALL	401668.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
1375	ALL	401688.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
1376	ALL	401708.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
1377	ALL	401728.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
1378	ALL	401748.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
1379	ALL	401768.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
1380	ALL	401788.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
1381	ALL	401808.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
1382	ALL	401828.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
1383	ALL	401848.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
1384	ALL	401868.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
1385	ALL	401888.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04

1386	ALL	401908.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
1387	ALL	401928.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
1388	ALL	401948.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
1389	ALL	401968.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
1390	ALL	401988.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
1391	ALL	402008.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
1392	ALL	402028.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
1393	ALL	402048.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
1394	ALL	402068.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
1395	ALL	402088.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
1396	ALL	402108.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1397	ALL	402128.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
1398	ALL	402148.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
1399	ALL	402168.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
1400	ALL	402188.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
1401	ALL	402208.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
1402	ALL	402228.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
1403	ALL	402248.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1404	ALL	402268.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
1405	ALL	402288.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1406	ALL	402308.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
1407	ALL	402328.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1408	ALL	402348.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
1409	ALL	402368.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
1410	ALL	402388.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1411	ALL	402408.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1412	ALL	402428.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
1413	ALL	402448.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1414	ALL	402468.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1415	ALL	402488.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
1416	ALL	402508.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1417	ALL	401308.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
1418	ALL	401328.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
1419	ALL	401348.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
1420	ALL	401368.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
1421	ALL	401388.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
1422	ALL	401408.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
1423	ALL	401428.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1424	ALL	401448.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1425	ALL	401468.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1426	ALL	401488.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1427	ALL	401508.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1428	ALL	401528.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1429	ALL	401548.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
1430	ALL	401568.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
1431	ALL	401588.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1432	ALL	401608.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
1433	ALL	401628.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
1434	ALL	401648.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
1435	ALL	401668.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
1436	ALL	401688.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
1437	ALL	401708.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
1438	ALL	401728.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
1439	ALL	401748.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1440	ALL	401768.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
1441	ALL	401788.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
1442	ALL	401808.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
1443	ALL	401828.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04
1444	ALL	401848.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
1445	ALL	401868.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04
1446	ALL	401888.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
1447	ALL	401908.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
1448	ALL	401928.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
1449	ALL	401948.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
1450	ALL	401968.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
1451	ALL	401988.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
1452	ALL	402008.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
1453	ALL	402028.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
1454	ALL	402048.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
1455	ALL	402068.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
1456	ALL	402088.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
1457	ALL	402108.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
1458	ALL	402128.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
1459	ALL	402148.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
1460	ALL	402168.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
1461	ALL	402188.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
1462	ALL	402208.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
1463	ALL	402228.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
1464	ALL	402248.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
1465	ALL	402268.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
1466	ALL	402288.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
1467	ALL	402308.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
1468	ALL	402328.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
1469	ALL	402348.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
1470	ALL	402368.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1471	ALL	402388.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1472	ALL	402408.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1473	ALL	402428.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1474	ALL	402448.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1475	ALL	402468.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1476	ALL	402488.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
1477	ALL	402508.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
1478	ALL	401308.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
1479	ALL	401328.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
1480	ALL	401348.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
1481	ALL	401368.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
1482	ALL	401388.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
1483	ALL	401408.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1484	ALL	401428.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04

1485	ALL	401448.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1486	ALL	401468.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1487	ALL	401488.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
1488	ALL	401508.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
1489	ALL	401528.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1490	ALL	401548.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
1491	ALL	401568.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1492	ALL	401588.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
1493	ALL	401608.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
1494	ALL	401628.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
1495	ALL	401648.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
1496	ALL	401668.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
1497	ALL	401688.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
1498	ALL	401708.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
1499	ALL	401728.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
1500	ALL	401748.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
1501	ALL	401768.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
1502	ALL	401788.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
1503	ALL	401808.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
1504	ALL	401828.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
1505	ALL	401848.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
1506	ALL	401868.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
1507	ALL	401888.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
1508	ALL	401908.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
1509	ALL	401928.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
1510	ALL	401948.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
1511	ALL	401968.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
1512	ALL	401988.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
1513	ALL	402008.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
1514	ALL	402028.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
1515	ALL	402048.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
1516	ALL	402068.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
1517	ALL	402088.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04
1518	ALL	402108.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
1519	ALL	402128.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
1520	ALL	402148.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
1521	ALL	402168.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1522	ALL	402188.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
1523	ALL	402208.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
1524	ALL	402228.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
1525	ALL	402248.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
1526	ALL	402268.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
1527	ALL	402288.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
1528	ALL	402308.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
1529	ALL	402328.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
1530	ALL	402348.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
1531	ALL	402368.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
1532	ALL	402388.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1533	ALL	402408.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
1534	ALL	402428.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
1535	ALL	402448.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
1536	ALL	402468.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1537	ALL	402488.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
1538	ALL	402508.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
1539	ALL	401308.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
1540	ALL	401328.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
1541	ALL	401348.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
1542	ALL	401368.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1543	ALL	401388.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
1544	ALL	401408.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
1545	ALL	401428.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
1546	ALL	401448.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1547	ALL	401468.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1548	ALL	401488.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1549	ALL	401508.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1550	ALL	401528.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1551	ALL	401548.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1552	ALL	401568.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
1553	ALL	401588.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
1554	ALL	401608.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
1555	ALL	401628.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
1556	ALL	401648.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1557	ALL	401668.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
1558	ALL	401688.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
1559	ALL	401708.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
1560	ALL	401728.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
1561	ALL	401748.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
1562	ALL	401768.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04
1563	ALL	401788.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04
1564	ALL	401808.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
1565	ALL	401828.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04
1566	ALL	401848.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04
1567	ALL	401868.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
1568	ALL	401888.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04
1569	ALL	401908.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04
1570	ALL	401928.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
1571	ALL	401948.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
1572	ALL	401968.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04
1573	ALL	401988.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
1574	ALL	402008.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
1575	ALL	402028.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
1576	ALL	402048.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
1577	ALL	402068.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
1578	ALL	402088.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
1579	ALL	402108.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
1580	ALL	402128.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
1581	ALL	402148.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
1582	ALL	402168.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
1583	ALL	402188.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04

1584	ALL	402208.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1585	ALL	402228.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
1586	ALL	402248.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1587	ALL	402268.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
1588	ALL	402288.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
1589	ALL	402308.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
1590	ALL	402328.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
1591	ALL	402348.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1592	ALL	402368.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1593	ALL	402388.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
1594	ALL	402408.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
1595	ALL	402428.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
1596	ALL	402448.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
1597	ALL	402468.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1598	ALL	402488.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
1599	ALL	402508.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
1600	ALL	401308.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
1601	ALL	401328.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
1602	ALL	401348.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
1603	ALL	401368.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
1604	ALL	401388.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
1605	ALL	401408.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1606	ALL	401428.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
1607	ALL	401448.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
1608	ALL	401468.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
1609	ALL	401488.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1610	ALL	401508.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1611	ALL	401528.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
1612	ALL	401548.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
1613	ALL	401568.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1614	ALL	401588.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
1615	ALL	401608.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1616	ALL	401628.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
1617	ALL	401648.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
1618	ALL	401668.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
1619	ALL	401688.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
1620	ALL	401708.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
1621	ALL	401728.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
1622	ALL	401748.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
1623	ALL	401768.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
1624	ALL	401788.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04
1625	ALL	401808.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
1626	ALL	401828.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
1627	ALL	401848.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04
1628	ALL	401868.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
1629	ALL	401888.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
1630	ALL	401908.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
1631	ALL	401928.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
1632	ALL	401948.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
1633	ALL	401968.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
1634	ALL	401988.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04
1635	ALL	402008.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04
1636	ALL	402028.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
1637	ALL	402048.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
1638	ALL	402068.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
1639	ALL	402088.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04
1640	ALL	402108.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
1641	ALL	402128.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
1642	ALL	402148.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
1643	ALL	402168.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
1644	ALL	402188.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
1645	ALL	402208.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
1646	ALL	402228.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
1647	ALL	402248.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
1648	ALL	402268.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
1649	ALL	402288.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
1650	ALL	402308.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
1651	ALL	402328.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
1652	ALL	402348.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
1653	ALL	402368.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
1654	ALL	402388.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
1655	ALL	402408.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
1656	ALL	402428.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1657	ALL	402448.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
1658	ALL	402468.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
1659	ALL	402488.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
1660	ALL	402508.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1661	ALL	401308.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
1662	ALL	401328.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
1663	ALL	401348.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
1664	ALL	401368.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
1665	ALL	401388.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
1666	ALL	401408.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1667	ALL	401428.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
1668	ALL	401448.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1669	ALL	401468.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1670	ALL	401488.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
1671	ALL	401508.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
1672	ALL	401528.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
1673	ALL	401548.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1674	ALL	401568.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
1675	ALL	401588.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
1676	ALL	401608.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
1677	ALL	401628.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
1678	ALL	401648.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
1679	ALL	401668.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
1680	ALL	401688.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
1681	ALL	401708.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
1682	ALL	401728.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04

1683	ALL	401748.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
1684	ALL	401768.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
1685	ALL	401788.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
1686	ALL	401808.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04
1687	ALL	401828.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04
1688	ALL	401848.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04
1689	ALL	401868.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
1690	ALL	401888.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
1691	ALL	401908.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04
1692	ALL	401928.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
1693	ALL	401948.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
1694	ALL	401968.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
1695	ALL	401988.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04
1696	ALL	402008.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04
1697	ALL	402028.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04
1698	ALL	402048.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04
1699	ALL	402068.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
1700	ALL	402088.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04
1701	ALL	402108.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
1702	ALL	402128.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
1703	ALL	402148.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
1704	ALL	402168.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
1705	ALL	402188.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
1706	ALL	402208.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
1707	ALL	402228.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
1708	ALL	402248.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
1709	ALL	402268.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
1710	ALL	402288.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
1711	ALL	402308.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1712	ALL	402328.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
1713	ALL	402348.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
1714	ALL	402368.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
1715	ALL	402388.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
1716	ALL	402408.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
1717	ALL	402428.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1718	ALL	402448.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
1719	ALL	402468.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
1720	ALL	402488.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1721	ALL	402508.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
1722	ALL	401308.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1723	ALL	401328.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
1724	ALL	401348.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1725	ALL	401368.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1726	ALL	401388.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1727	ALL	401408.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
1728	ALL	401428.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
1729	ALL	401448.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
1730	ALL	401468.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
1731	ALL	401488.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1732	ALL	401508.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
1733	ALL	401528.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
1734	ALL	401548.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
1735	ALL	401568.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
1736	ALL	401588.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
1737	ALL	401608.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
1738	ALL	401628.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
1739	ALL	401648.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
1740	ALL	401668.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
1741	ALL	401688.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
1742	ALL	401708.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
1743	ALL	401728.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
1744	ALL	401748.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
1745	ALL	401768.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04
1746	ALL	401788.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04
1747	ALL	401808.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
1748	ALL	401828.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
1749	ALL	401848.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
1750	ALL	401868.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-04
1751	ALL	401888.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
1752	ALL	401908.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-04
1753	ALL	401928.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04
1754	ALL	401948.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04
1755	ALL	401968.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
1756	ALL	401988.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04
1757	ALL	402008.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
1758	ALL	402028.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-04
1759	ALL	402048.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04
1760	ALL	402068.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
1761	ALL	402088.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
1762	ALL	402108.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
1763	ALL	402128.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04
1764	ALL	402148.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
1765	ALL	402168.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
1766	ALL	402188.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04
1767	ALL	402208.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
1768	ALL	402228.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
1769	ALL	402248.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
1770	ALL	402268.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
1771	ALL	402288.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
1772	ALL	402308.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1773	ALL	402328.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
1774	ALL	402348.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
1775	ALL	402368.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
1776	ALL	402388.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
1777	ALL	402408.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
1778	ALL	402428.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
1779	ALL	402448.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1780	ALL	402468.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
1781	ALL	402488.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04

1782	ALL	402508.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
1783	ALL	401308.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1784	ALL	401328.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
1785	ALL	401348.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1786	ALL	401368.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1787	ALL	401388.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1788	ALL	401408.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
1789	ALL	401428.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
1790	ALL	401448.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1791	ALL	401468.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
1792	ALL	401488.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
1793	ALL	401508.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
1794	ALL	401528.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
1795	ALL	401548.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04
1796	ALL	401568.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1797	ALL	401588.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
1798	ALL	401608.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
1799	ALL	401628.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
1800	ALL	401648.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
1801	ALL	401668.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
1802	ALL	401688.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
1803	ALL	401708.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04
1804	ALL	401728.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
1805	ALL	401748.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
1806	ALL	401768.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04
1807	ALL	401788.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-04
1808	ALL	401808.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
1809	ALL	401828.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04
1810	ALL	401848.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
1811	ALL	401868.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
1812	ALL	401888.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04
1813	ALL	401908.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04
1814	ALL	401928.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-04
1815	ALL	401948.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04
1816	ALL	401968.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04
1817	ALL	401988.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04
1818	ALL	402008.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-04
1819	ALL	402028.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
1820	ALL	402048.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04
1821	ALL	402068.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04
1822	ALL	402088.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-04
1823	ALL	402108.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04
1824	ALL	402128.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
1825	ALL	402148.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04
1826	ALL	402168.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
1827	ALL	402188.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04
1828	ALL	402208.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
1829	ALL	402228.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
1830	ALL	402248.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
1831	ALL	402268.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
1832	ALL	402288.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
1833	ALL	402308.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
1834	ALL	402328.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
1835	ALL	402348.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
1836	ALL	402368.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
1837	ALL	402388.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
1838	ALL	402408.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
1839	ALL	402428.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
1840	ALL	402448.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
1841	ALL	402468.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1842	ALL	402488.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
1843	ALL	402508.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
1844	ALL	401308.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
1845	ALL	401328.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1846	ALL	401348.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
1847	ALL	401368.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
1848	ALL	401388.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
1849	ALL	401408.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1850	ALL	401428.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1851	ALL	401448.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
1852	ALL	401468.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
1853	ALL	401488.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
1854	ALL	401508.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
1855	ALL	401528.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1856	ALL	401548.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
1857	ALL	401568.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
1858	ALL	401588.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04
1859	ALL	401608.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
1860	ALL	401628.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
1861	ALL	401648.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
1862	ALL	401668.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
1863	ALL	401688.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
1864	ALL	401708.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
1865	ALL	401728.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
1866	ALL	401748.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-04
1867	ALL	401768.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04
1868	ALL	401788.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04
1869	ALL	401808.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
1870	ALL	401828.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04
1871	ALL	401848.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04
1872	ALL	401868.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
1873	ALL	401888.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
1874	ALL	401908.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
1875	ALL	401928.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
1876	ALL	401948.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
1877	ALL	401968.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
1878	ALL	401988.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
1879	ALL	402008.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
1880	ALL	402028.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04

1881	ALL	402048.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04
1882	ALL	402068.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04
1883	ALL	402088.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04
1884	ALL	402108.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
1885	ALL	402128.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
1886	ALL	402148.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04
1887	ALL	402168.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
1888	ALL	402188.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
1889	ALL	402208.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
1890	ALL	402228.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
1891	ALL	402248.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
1892	ALL	402268.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
1893	ALL	402288.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04
1894	ALL	402308.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
1895	ALL	402328.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
1896	ALL	402348.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
1897	ALL	402368.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1898	ALL	402388.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1899	ALL	402408.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1900	ALL	402428.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
1901	ALL	402448.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
1902	ALL	402468.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
1903	ALL	402488.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
1904	ALL	402508.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1905	ALL	401308.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
1906	ALL	401328.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1907	ALL	401348.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
1908	ALL	401368.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1909	ALL	401388.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1910	ALL	401408.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
1911	ALL	401428.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
1912	ALL	401448.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
1913	ALL	401468.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
1914	ALL	401488.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
1915	ALL	401508.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
1916	ALL	401528.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
1917	ALL	401548.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
1918	ALL	401568.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
1919	ALL	401588.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
1920	ALL	401608.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
1921	ALL	401628.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
1922	ALL	401648.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
1923	ALL	401668.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04
1924	ALL	401688.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04
1925	ALL	401708.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
1926	ALL	401728.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04
1927	ALL	401748.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04
1928	ALL	401768.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04
1929	ALL	401788.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04
1930	ALL	401808.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
1931	ALL	401828.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
1932	ALL	401848.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
1933	ALL	401868.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
1934	ALL	401888.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
1935	ALL	401908.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
1936	ALL	401928.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
1937	ALL	401948.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
1938	ALL	401968.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
1939	ALL	401988.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
1940	ALL	402008.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
1941	ALL	402028.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
1942	ALL	402048.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
1943	ALL	402068.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
1944	ALL	402088.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
1945	ALL	402108.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04
1946	ALL	402128.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
1947	ALL	402148.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04
1948	ALL	402168.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04
1949	ALL	402188.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04
1950	ALL	402208.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
1951	ALL	402228.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
1952	ALL	402248.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
1953	ALL	402268.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
1954	ALL	402288.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
1955	ALL	402308.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
1956	ALL	402328.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
1957	ALL	402348.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
1958	ALL	402368.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
1959	ALL	402388.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
1960	ALL	402408.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
1961	ALL	402428.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1962	ALL	402448.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1963	ALL	402468.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
1964	ALL	402488.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1965	ALL	402508.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
1966	ALL	401308.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1967	ALL	401328.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1968	ALL	401348.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
1969	ALL	401368.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
1970	ALL	401388.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1971	ALL	401408.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1972	ALL	401428.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
1973	ALL	401448.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
1974	ALL	401468.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
1975	ALL	401488.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
1976	ALL	401508.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
1977	ALL	401528.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
1978	ALL	401548.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
1979	ALL	401568.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04

Year		ID1	ID2	Category	c1	c2	c3	c4	c5	c6	c7	c8	c9	c10	c11	c12	c13	c14	Total
1980	ALL	401588.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
1981	ALL	401608.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
1982	ALL	401628.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
1983	ALL	401648.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04
1984	ALL	401668.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
1985	ALL	401688.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
1986	ALL	401708.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04
1987	ALL	401728.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04
1988	ALL	401748.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04
1989	ALL	401768.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
1990	ALL	401788.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
1991	ALL	401808.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
1992	ALL	401828.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
1993	ALL	401848.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
1994	ALL	401868.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
1995	ALL	401888.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
1996	ALL	401908.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
1997	ALL	401928.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
1998	ALL	401948.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
1999	ALL	401968.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
2000	ALL	401988.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
2001	ALL	402008.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
2002	ALL	402028.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2003	ALL	402048.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
2004	ALL	402068.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
2005	ALL	402088.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
2006	ALL	402108.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
2007	ALL	402128.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-04
2008	ALL	402148.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04
2009	ALL	402168.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04
2010	ALL	402188.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04
2011	ALL	402208.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04
2012	ALL	402228.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04
2013	ALL	402248.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
2014	ALL	402268.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
2015	ALL	402288.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
2016	ALL	402308.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
2017	ALL	402328.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
2018	ALL	402348.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
2019	ALL	402368.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
2020	ALL	402388.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
2021	ALL	402408.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
2022	ALL	402428.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
2023	ALL	402448.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
2024	ALL	402468.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
2025	ALL	402488.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
2026	ALL	402508.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
2027	ALL	401308.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
2028	ALL	401328.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
2029	ALL	401348.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
2030	ALL	401368.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
2031	ALL	401388.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
2032	ALL	401408.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
2033	ALL	401428.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
2034	ALL	401448.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
2035	ALL	401468.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
2036	ALL	401488.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
2037	ALL	401508.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
2038	ALL	401528.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
2039	ALL	401548.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
2040	ALL	401568.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
2041	ALL	401588.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
2042	ALL	401608.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
2043	ALL	401628.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
2044	ALL	401648.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
2045	ALL	401668.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
2046	ALL	401688.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04
2047	ALL	401708.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
2048	ALL	401728.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-04
2049	ALL	401748.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
2050	ALL	401768.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
2051	ALL	401788.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2052	ALL	401808.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
2053	ALL	401828.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
2054	ALL	401848.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
2055	ALL	401868.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
2056	ALL	401888.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
2057	ALL	401908.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
2058	ALL	401928.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
2059	ALL	401948.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
2060	ALL	401968.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
2061	ALL	401988.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
2062	ALL	402008.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
2063	ALL	402028.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
2064	ALL	402048.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
2065	ALL	402068.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
2066	ALL	402088.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2067	ALL	402108.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
2068	ALL	402128.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
2069	ALL	402148.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
2070	ALL	402168.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
2071	ALL	402188.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-04
2072	ALL	402208.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-04
2073	ALL	402228.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04
2074	ALL	402248.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
2075	ALL	402268.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04
2076	ALL	402288.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
2077	ALL	402308.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
2078	ALL	402328.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04

2079	ALL	402348.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
2080	ALL	402368.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
2081	ALL	402388.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
2082	ALL	402408.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
2083	ALL	402428.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04
2084	ALL	402448.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
2085	ALL	402468.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
2086	ALL	402488.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
2087	ALL	402508.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
2088	ALL	401308.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
2089	ALL	401328.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
2090	ALL	401348.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
2091	ALL	401368.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
2092	ALL	401388.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
2093	ALL	401408.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
2094	ALL	401428.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
2095	ALL	401448.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
2096	ALL	401468.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
2097	ALL	401488.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
2098	ALL	401508.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
2099	ALL	401528.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
2100	ALL	401548.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
2101	ALL	401568.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
2102	ALL	401588.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04
2103	ALL	401608.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
2104	ALL	401628.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04
2105	ALL	401648.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
2106	ALL	401668.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04
2107	ALL	401688.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04
2108	ALL	401708.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
2109	ALL	401728.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
2110	ALL	401748.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
2111	ALL	401768.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
2112	ALL	401788.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2113	ALL	401808.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
2114	ALL	401828.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
2115	ALL	401848.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
2116	ALL	401868.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
2117	ALL	401888.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
2118	ALL	401908.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
2119	ALL	401928.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
2120	ALL	401948.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
2121	ALL	401968.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
2122	ALL	401988.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
2123	ALL	402008.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
2124	ALL	402028.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
2125	ALL	402048.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
2126	ALL	402068.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
2127	ALL	402088.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
2128	ALL	402108.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
2129	ALL	402128.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2130	ALL	402148.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
2131	ALL	402168.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
2132	ALL	402188.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
2133	ALL	402208.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
2134	ALL	402228.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04
2135	ALL	402248.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
2136	ALL	402268.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04
2137	ALL	402288.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
2138	ALL	402308.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04
2139	ALL	402328.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
2140	ALL	402348.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04
2141	ALL	402368.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
2142	ALL	402388.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04
2143	ALL	402408.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
2144	ALL	402428.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
2145	ALL	402448.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
2146	ALL	402468.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
2147	ALL	402488.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04
2148	ALL	402508.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
2149	ALL	401308.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
2150	ALL	401328.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
2151	ALL	401348.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
2152	ALL	401368.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
2153	ALL	401388.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
2154	ALL	401408.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
2155	ALL	401428.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
2156	ALL	401448.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
2157	ALL	401468.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04
2158	ALL	401488.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
2159	ALL	401508.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
2160	ALL	401528.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
2161	ALL	401548.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
2162	ALL	401568.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
2163	ALL	401588.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
2164	ALL	401608.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
2165	ALL	401628.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04
2166	ALL	401648.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04
2167	ALL	401668.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04
2168	ALL	401688.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
2169	ALL	401708.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
2170	ALL	401728.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
2171	ALL	401748.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
2172	ALL	401768.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
2173	ALL	401788.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
2174	ALL	401808.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
2175	ALL	401828.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
2176	ALL	401848.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
2177	ALL	401868.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03

2178	ALL	401888.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
2179	ALL	401908.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
2180	ALL	401928.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
2181	ALL	401948.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
2182	ALL	401968.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
2183	ALL	401988.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
2184	ALL	402008.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
2185	ALL	402028.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
2186	ALL	402048.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
2187	ALL	402068.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2188	ALL	402088.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
2189	ALL	402108.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
2190	ALL	402128.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
2191	ALL	402148.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
2192	ALL	402168.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
2193	ALL	402188.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
2194	ALL	402208.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
2195	ALL	402228.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
2196	ALL	402248.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04
2197	ALL	402268.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04
2198	ALL	402288.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04
2199	ALL	402308.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
2200	ALL	402328.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04
2201	ALL	402348.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
2202	ALL	402368.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04
2203	ALL	402388.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
2204	ALL	402408.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04
2205	ALL	402428.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
2206	ALL	402448.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04
2207	ALL	402468.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04
2208	ALL	402488.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04
2209	ALL	402508.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04
2210	ALL	401308.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
2211	ALL	401328.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
2212	ALL	401348.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
2213	ALL	401368.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
2214	ALL	401388.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
2215	ALL	401408.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
2216	ALL	401428.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
2217	ALL	401448.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
2218	ALL	401468.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
2219	ALL	401488.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
2220	ALL	401508.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
2221	ALL	401528.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
2222	ALL	401548.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
2223	ALL	401568.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04
2224	ALL	401588.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
2225	ALL	401608.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
2226	ALL	401628.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04
2227	ALL	401648.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-04
2228	ALL	401668.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-04
2229	ALL	401688.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
2230	ALL	401708.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
2231	ALL	401728.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
2232	ALL	401748.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
2233	ALL	401768.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
2234	ALL	401788.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
2235	ALL	401808.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
2236	ALL	401828.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03
2237	ALL	401848.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
2238	ALL	401868.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03
2239	ALL	401888.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2240	ALL	401908.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
2241	ALL	401928.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2242	ALL	401948.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2243	ALL	401968.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
2244	ALL	401988.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03
2245	ALL	402008.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
2246	ALL	402028.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
2247	ALL	402048.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
2248	ALL	402068.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
2249	ALL	402088.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
2250	ALL	402108.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
2251	ALL	402128.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
2252	ALL	402148.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
2253	ALL	402168.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
2254	ALL	402188.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
2255	ALL	402208.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
2256	ALL	402228.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2257	ALL	402248.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2258	ALL	402268.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
2259	ALL	402288.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
2260	ALL	402308.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
2261	ALL	402328.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2262	ALL	402348.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
2263	ALL	402368.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2264	ALL	402388.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
2265	ALL	402408.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
2266	ALL	402428.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
2267	ALL	402448.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
2268	ALL	402468.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
2269	ALL	402488.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
2270	ALL	402508.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
2271	ALL	401308.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
2272	ALL	401328.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
2273	ALL	401348.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
2274	ALL	401368.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
2275	ALL	401388.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
2276	ALL	401408.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04

2277	ALL	401428.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
2278	ALL	401448.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
2279	ALL	401468.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
2280	ALL	401488.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
2281	ALL	401508.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
2282	ALL	401528.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04
2283	ALL	401548.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04
2284	ALL	401568.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
2285	ALL	401588.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
2286	ALL	401608.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
2287	ALL	401628.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04
2288	ALL	401648.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
2289	ALL	401668.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
2290	ALL	401688.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
2291	ALL	401708.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
2292	ALL	401728.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
2293	ALL	401748.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
2294	ALL	401768.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
2295	ALL	401788.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
2296	ALL	401808.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
2297	ALL	401828.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-03
2298	ALL	401848.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-03
2299	ALL	401868.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03
2300	ALL	401888.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03
2301	ALL	401908.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03
2302	ALL	401928.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-03
2303	ALL	401948.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03
2304	ALL	401968.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-03
2305	ALL	401988.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-03
2306	ALL	402008.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03
2307	ALL	402028.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03
2308	ALL	402048.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
2309	ALL	402068.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2310	ALL	402088.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
2311	ALL	402108.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
2312	ALL	402128.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
2313	ALL	402148.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03
2314	ALL	402168.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
2315	ALL	402188.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
2316	ALL	402208.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
2317	ALL	402228.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
2318	ALL	402248.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
2319	ALL	402268.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
2320	ALL	402288.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
2321	ALL	402308.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04
2322	ALL	402328.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-04
2323	ALL	402348.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04
2324	ALL	402368.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04
2325	ALL	402388.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04
2326	ALL	402408.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-04
2327	ALL	402428.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04
2328	ALL	402448.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
2329	ALL	402468.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
2330	ALL	402488.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04
2331	ALL	402508.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
2332	ALL	401308.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
2333	ALL	401328.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
2334	ALL	401348.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
2335	ALL	401368.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
2336	ALL	401388.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
2337	ALL	401408.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
2338	ALL	401428.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
2339	ALL	401448.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
2340	ALL	401468.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
2341	ALL	401488.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
2342	ALL	401508.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
2343	ALL	401528.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
2344	ALL	401548.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04
2345	ALL	401568.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
2346	ALL	401588.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
2347	ALL	401608.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
2348	ALL	401628.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04
2349	ALL	401648.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04
2350	ALL	401668.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
2351	ALL	401688.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
2352	ALL	401708.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
2353	ALL	401728.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
2354	ALL	401748.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
2355	ALL	401768.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03
2356	ALL	401788.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03
2357	ALL	402128.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
2358	ALL	402148.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
2359	ALL	402168.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
2360	ALL	402188.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
2361	ALL	402208.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
2362	ALL	402228.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
2363	ALL	402248.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
2364	ALL	402268.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
2365	ALL	402288.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
2366	ALL	402308.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04
2367	ALL	402328.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-04
2368	ALL	402348.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
2369	ALL	402368.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04
2370	ALL	402388.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
2371	ALL	402408.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04
2372	ALL	402428.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
2373	ALL	402448.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
2374	ALL	402468.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
2375	ALL	402488.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04

2376	ALL	402508.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
2377	ALL	401308.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
2378	ALL	401328.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
2379	ALL	401348.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
2380	ALL	401368.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
2381	ALL	401388.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
2382	ALL	401408.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
2383	ALL	401428.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
2384	ALL	401448.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
2385	ALL	401468.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
2386	ALL	401488.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
2387	ALL	401508.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
2388	ALL	401528.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
2389	ALL	401548.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04
2390	ALL	401568.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
2391	ALL	401588.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04
2392	ALL	401608.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
2393	ALL	401628.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04
2394	ALL	401648.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04
2395	ALL	401668.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2396	ALL	401688.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
2397	ALL	401708.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
2398	ALL	401728.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
2399	ALL	401748.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
2400	ALL	401768.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
2401	ALL	401788.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03
2402	ALL	402108.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03
2403	ALL	402128.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
2404	ALL	402148.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
2405	ALL	402168.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
2406	ALL	402188.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
2407	ALL	402208.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
2408	ALL	402228.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
2409	ALL	402248.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
2410	ALL	402268.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04
2411	ALL	402288.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04
2412	ALL	402308.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04
2413	ALL	402328.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
2414	ALL	402348.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
2415	ALL	402368.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04
2416	ALL	402388.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04
2417	ALL	402408.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
2418	ALL	402428.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
2419	ALL	402448.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
2420	ALL	402468.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
2421	ALL	402488.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
2422	ALL	402508.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
2423	ALL	401308.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
2424	ALL	401328.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
2425	ALL	401348.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
2426	ALL	401368.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
2427	ALL	401388.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
2428	ALL	401408.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
2429	ALL	401428.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
2430	ALL	401448.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
2431	ALL	401468.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
2432	ALL	401488.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
2433	ALL	401508.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
2434	ALL	401528.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
2435	ALL	401548.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
2436	ALL	401568.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04
2437	ALL	401588.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04
2438	ALL	401608.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04
2439	ALL	401628.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04
2440	ALL	401648.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
2441	ALL	401668.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
2442	ALL	401688.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
2443	ALL	401708.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
2444	ALL	401728.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2445	ALL	401748.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
2446	ALL	401768.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
2447	ALL	401788.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-03
2448	ALL	402108.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03
2449	ALL	402128.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
2450	ALL	402148.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
2451	ALL	402168.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
2452	ALL	402188.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2453	ALL	402208.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
2454	ALL	402228.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
2455	ALL	402248.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
2456	ALL	402268.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04
2457	ALL	402288.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-04
2458	ALL	402308.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
2459	ALL	402328.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04
2460	ALL	402348.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04
2461	ALL	402368.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
2462	ALL	402388.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
2463	ALL	402408.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
2464	ALL	402428.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
2465	ALL	402448.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
2466	ALL	402468.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
2467	ALL	402488.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
2468	ALL	402508.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
2469	ALL	401308.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
2470	ALL	401328.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
2471	ALL	401348.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
2472	ALL	401368.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
2473	ALL	401388.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
2474	ALL	401408.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04

2475	ALL	401428.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
2476	ALL	401448.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
2477	ALL	401468.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04
2478	ALL	401488.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
2479	ALL	401508.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
2480	ALL	401528.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
2481	ALL	401548.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04
2482	ALL	401568.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
2483	ALL	401588.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04
2484	ALL	401608.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04
2485	ALL	401628.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04
2486	ALL	401648.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
2487	ALL	401668.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
2488	ALL	401688.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
2489	ALL	401708.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
2490	ALL	401728.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2491	ALL	401748.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
2492	ALL	401768.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
2493	ALL	401788.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-03
2494	ALL	402088.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03
2495	ALL	402108.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
2496	ALL	402128.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
2497	ALL	402148.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
2498	ALL	402168.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
2499	ALL	402188.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
2500	ALL	402208.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2501	ALL	402228.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2502	ALL	402248.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
2503	ALL	402268.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
2504	ALL	402288.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04
2505	ALL	402308.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04
2506	ALL	402328.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
2507	ALL	402348.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04
2508	ALL	402368.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
2509	ALL	402388.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
2510	ALL	402408.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
2511	ALL	402428.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
2512	ALL	402448.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
2513	ALL	402468.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
2514	ALL	402488.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
2515	ALL	402508.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
2516	ALL	401308.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
2517	ALL	401328.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
2518	ALL	401348.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
2519	ALL	401368.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
2520	ALL	401388.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
2521	ALL	401408.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
2522	ALL	401428.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
2523	ALL	401448.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
2524	ALL	401468.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
2525	ALL	401488.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
2526	ALL	401508.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
2527	ALL	401528.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
2528	ALL	401548.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04
2529	ALL	401568.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04
2530	ALL	401588.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
2531	ALL	401608.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04
2532	ALL	401628.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
2533	ALL	401648.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
2534	ALL	401668.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
2535	ALL	401688.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
2536	ALL	401708.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
2537	ALL	401728.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
2538	ALL	401748.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
2539	ALL	401768.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2540	ALL	401788.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03
2541	ALL	402088.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
2542	ALL	402108.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
2543	ALL	402128.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
2544	ALL	402148.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
2545	ALL	402168.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
2546	ALL	402188.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2547	ALL	402208.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2548	ALL	402228.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2549	ALL	402248.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
2550	ALL	402268.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04
2551	ALL	402288.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
2552	ALL	402308.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
2553	ALL	402328.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04
2554	ALL	402348.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04
2555	ALL	402368.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04
2556	ALL	402388.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
2557	ALL	402408.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04
2558	ALL	402428.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
2559	ALL	402448.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
2560	ALL	402468.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
2561	ALL	402488.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
2562	ALL	402508.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
2563	ALL	401308.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
2564	ALL	401328.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
2565	ALL	401348.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
2566	ALL	401368.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
2567	ALL	401388.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
2568	ALL	401408.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
2569	ALL	401428.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
2570	ALL	401448.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
2571	ALL	401468.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
2572	ALL	401488.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
2573	ALL	401508.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04

2574	ALL	401528.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04
2575	ALL	401548.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
2576	ALL	401568.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04
2577	ALL	401588.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
2578	ALL	401608.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04
2579	ALL	401628.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
2580	ALL	401648.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
2581	ALL	401668.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
2582	ALL	401688.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
2583	ALL	401708.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
2584	ALL	401728.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
2585	ALL	401748.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
2586	ALL	401768.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
2587	ALL	401788.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03
2588	ALL	402088.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-03
2589	ALL	402108.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2590	ALL	402128.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03
2591	ALL	402148.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
2592	ALL	402168.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
2593	ALL	402188.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2594	ALL	402208.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
2595	ALL	402228.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
2596	ALL	402248.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
2597	ALL	402268.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04
2598	ALL	402288.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04
2599	ALL	402308.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04
2600	ALL	402328.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
2601	ALL	402348.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04
2602	ALL	402368.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
2603	ALL	402388.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
2604	ALL	402408.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
2605	ALL	402428.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
2606	ALL	402448.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
2607	ALL	402468.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
2608	ALL	402488.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
2609	ALL	402508.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
2610	ALL	401308.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
2611	ALL	401328.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
2612	ALL	401348.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
2613	ALL	401368.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
2614	ALL	401388.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
2615	ALL	401408.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
2616	ALL	401428.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
2617	ALL	401448.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
2618	ALL	401468.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
2619	ALL	401488.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
2620	ALL	401508.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
2621	ALL	401528.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
2622	ALL	401548.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
2623	ALL	401568.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04
2624	ALL	401588.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
2625	ALL	401608.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
2626	ALL	401628.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04
2627	ALL	401648.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
2628	ALL	401668.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
2629	ALL	401688.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
2630	ALL	401708.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
2631	ALL	401728.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
2632	ALL	401748.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
2633	ALL	401768.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03
2634	ALL	401788.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03
2635	ALL	402068.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03
2636	ALL	402088.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03
2637	ALL	402108.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
2638	ALL	402128.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
2639	ALL	402148.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
2640	ALL	402168.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
2641	ALL	402188.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
2642	ALL	402208.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2643	ALL	402228.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
2644	ALL	402248.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
2645	ALL	402268.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
2646	ALL	402288.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04
2647	ALL	402308.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
2648	ALL	402328.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
2649	ALL	402348.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
2650	ALL	402368.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04
2651	ALL	402388.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
2652	ALL	402408.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
2653	ALL	402428.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
2654	ALL	402448.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
2655	ALL	402468.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
2656	ALL	402488.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
2657	ALL	402508.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
2658	ALL	401308.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
2659	ALL	401328.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
2660	ALL	401348.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
2661	ALL	401368.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
2662	ALL	401388.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
2663	ALL	401408.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
2664	ALL	401428.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
2665	ALL	401448.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
2666	ALL	401468.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
2667	ALL	401488.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
2668	ALL	401508.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
2669	ALL	401528.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
2670	ALL	401548.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
2671	ALL	401568.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
2672	ALL	401588.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04

#																			
2673	ALL	401608.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04
2674	ALL	401628.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04
2675	ALL	401648.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
2676	ALL	401668.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
2677	ALL	401688.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
2678	ALL	401708.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
2679	ALL	401728.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
2680	ALL	401748.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
2681	ALL	401768.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03
2682	ALL	401788.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-03
2683	ALL	402068.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
2684	ALL	402088.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03
2685	ALL	402108.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
2686	ALL	402128.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
2687	ALL	402148.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
2688	ALL	402168.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
2689	ALL	402188.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
2690	ALL	402208.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
2691	ALL	402228.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2692	ALL	402248.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
2693	ALL	402268.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
2694	ALL	402288.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-04
2695	ALL	402308.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04
2696	ALL	402328.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04
2697	ALL	402348.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
2698	ALL	402368.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04
2699	ALL	402388.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
2700	ALL	402408.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
2701	ALL	402428.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
2702	ALL	402448.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
2703	ALL	402468.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
2704	ALL	402488.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
2705	ALL	402508.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04
2706	ALL	401308.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
2707	ALL	401328.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
2708	ALL	401348.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
2709	ALL	401368.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
2710	ALL	401388.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
2711	ALL	401408.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
2712	ALL	401428.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
2713	ALL	401448.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
2714	ALL	401468.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
2715	ALL	401488.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
2716	ALL	401508.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
2717	ALL	401528.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
2718	ALL	401548.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
2719	ALL	401568.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
2720	ALL	401588.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
2721	ALL	401608.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-04
2722	ALL	401628.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04
2723	ALL	401648.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
2724	ALL	401668.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2725	ALL	401688.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
2726	ALL	401708.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
2727	ALL	401728.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
2728	ALL	401748.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
2729	ALL	401768.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
2730	ALL	401788.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-03
2731	ALL	402068.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
2732	ALL	402088.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
2733	ALL	402108.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
2734	ALL	402128.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
2735	ALL	402148.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
2736	ALL	402168.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2737	ALL	402188.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
2738	ALL	402208.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
2739	ALL	402228.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
2740	ALL	402248.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
2741	ALL	402268.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04
2742	ALL	402288.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
2743	ALL	402308.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04
2744	ALL	402328.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
2745	ALL	402348.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
2746	ALL	402368.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04
2747	ALL	402388.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04
2748	ALL	402408.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
2749	ALL	402428.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
2750	ALL	402448.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
2751	ALL	402468.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04
2752	ALL	402488.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
2753	ALL	402508.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
2754	ALL	401308.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
2755	ALL	401328.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
2756	ALL	401348.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
2757	ALL	401368.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
2758	ALL	401388.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
2759	ALL	401408.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
2760	ALL	401428.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
2761	ALL	401448.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
2762	ALL	401468.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
2763	ALL	401488.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
2764	ALL	401508.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
2765	ALL	401528.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
2766	ALL	401548.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
2767	ALL	401568.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
2768	ALL	401588.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
2769	ALL	401608.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
2770	ALL	401628.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04
2771	ALL	401648.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04

2772	ALL	401668.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
2773	ALL	401688.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2774	ALL	401708.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
2775	ALL	401728.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
2776	ALL	401748.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
2777	ALL	401768.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
2778	ALL	401788.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03
2779	ALL	402068.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03
2780	ALL	402088.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
2781	ALL	402108.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
2782	ALL	402128.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
2783	ALL	402148.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
2784	ALL	402168.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
2785	ALL	402188.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
2786	ALL	402208.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2787	ALL	402228.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
2788	ALL	402248.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
2789	ALL	402268.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04
2790	ALL	402288.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04
2791	ALL	402308.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-04
2792	ALL	402328.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
2793	ALL	402348.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
2794	ALL	402368.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
2795	ALL	402388.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
2796	ALL	402408.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
2797	ALL	402428.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
2798	ALL	402448.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
2799	ALL	402468.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
2800	ALL	402488.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
2801	ALL	402508.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
2802	ALL	401308.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
2803	ALL	401328.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
2804	ALL	401348.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
2805	ALL	401368.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
2806	ALL	401388.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
2807	ALL	401408.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
2808	ALL	401428.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
2809	ALL	401448.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
2810	ALL	401468.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
2811	ALL	401488.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
2812	ALL	401508.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
2813	ALL	401528.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
2814	ALL	401548.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
2815	ALL	401568.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
2816	ALL	401588.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
2817	ALL	401608.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
2818	ALL	401628.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04
2819	ALL	401648.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04
2820	ALL	401668.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04
2821	ALL	401688.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
2822	ALL	401708.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
2823	ALL	401728.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
2824	ALL	401748.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
2825	ALL	401768.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03
2826	ALL	401788.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03
2827	ALL	402068.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2828	ALL	402088.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
2829	ALL	402108.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
2830	ALL	402128.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
2831	ALL	402148.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
2832	ALL	402168.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
2833	ALL	402188.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
2834	ALL	402208.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
2835	ALL	402228.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
2836	ALL	402248.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04
2837	ALL	402268.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04
2838	ALL	402288.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04
2839	ALL	402308.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04
2840	ALL	402328.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04
2841	ALL	402348.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04
2842	ALL	402368.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
2843	ALL	402388.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04
2844	ALL	402408.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
2845	ALL	402428.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
2846	ALL	402448.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
2847	ALL	402468.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
2848	ALL	402488.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
2849	ALL	402508.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
2850	ALL	401308.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
2851	ALL	401328.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
2852	ALL	401348.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
2853	ALL	401368.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
2854	ALL	401388.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
2855	ALL	401408.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
2856	ALL	401428.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
2857	ALL	401448.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
2858	ALL	401468.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
2859	ALL	401488.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
2860	ALL	401508.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
2861	ALL	401528.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
2862	ALL	401548.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
2863	ALL	401568.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
2864	ALL	401588.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
2865	ALL	401608.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
2866	ALL	401628.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04
2867	ALL	401648.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
2868	ALL	401668.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04
2869	ALL	401688.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
2870	ALL	401708.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03

2871	ALL	401728.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
2872	ALL	401748.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
2873	ALL	401768.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
2874	ALL	401788.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
2875	ALL	401908.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-03
2876	ALL	401928.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-03
2877	ALL	401948.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
2878	ALL	401968.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2879	ALL	401988.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
2880	ALL	402008.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
2881	ALL	402028.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
2882	ALL	402048.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
2883	ALL	402068.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
2884	ALL	402088.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
2885	ALL	402108.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
2886	ALL	402128.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
2887	ALL	402148.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
2888	ALL	402168.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
2889	ALL	402188.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
2890	ALL	402208.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
2891	ALL	402228.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
2892	ALL	402248.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
2893	ALL	402268.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04
2894	ALL	402288.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04
2895	ALL	402308.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04
2896	ALL	402328.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04
2897	ALL	402348.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
2898	ALL	402368.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
2899	ALL	402388.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
2900	ALL	402408.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
2901	ALL	402428.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
2902	ALL	402448.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
2903	ALL	402468.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
2904	ALL	402488.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
2905	ALL	402508.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
2906	ALL	401308.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
2907	ALL	401328.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
2908	ALL	401348.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
2909	ALL	401368.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
2910	ALL	401388.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
2911	ALL	401408.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
2912	ALL	401428.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
2913	ALL	401448.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
2914	ALL	401468.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
2915	ALL	401488.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
2916	ALL	401508.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
2917	ALL	401528.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
2918	ALL	401548.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
2919	ALL	401568.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
2920	ALL	401588.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
2921	ALL	401608.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
2922	ALL	401628.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
2923	ALL	401648.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
2924	ALL	401668.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
2925	ALL	401688.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04
2926	ALL	401708.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
2927	ALL	401728.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2928	ALL	401748.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
2929	ALL	401768.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
2930	ALL	401788.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
2931	ALL	401888.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-03
2932	ALL	401908.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
2933	ALL	401928.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
2934	ALL	401948.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
2935	ALL	401968.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
2936	ALL	401988.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
2937	ALL	402008.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
2938	ALL	402028.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
2939	ALL	402048.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2940	ALL	402068.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
2941	ALL	402088.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
2942	ALL	402108.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
2943	ALL	402128.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
2944	ALL	402148.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
2945	ALL	402168.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
2946	ALL	402188.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
2947	ALL	402208.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04
2948	ALL	402228.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-04
2949	ALL	402248.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04
2950	ALL	402268.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
2951	ALL	402288.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
2952	ALL	402308.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
2953	ALL	402328.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
2954	ALL	402348.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
2955	ALL	402368.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
2956	ALL	402388.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
2957	ALL	402408.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
2958	ALL	402428.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
2959	ALL	402448.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
2960	ALL	402468.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
2961	ALL	402488.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
2962	ALL	402508.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
2963	ALL	401308.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
2964	ALL	401328.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
2965	ALL	401348.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
2966	ALL	401368.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
2967	ALL	401388.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
2968	ALL	401408.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
2969	ALL	401428.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04

2970	ALL	401448.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
2971	ALL	401468.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
2972	ALL	401488.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
2973	ALL	401508.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
2974	ALL	401528.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
2975	ALL	401548.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
2976	ALL	401568.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
2977	ALL	401588.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
2978	ALL	401608.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
2979	ALL	401628.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
2980	ALL	401648.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
2981	ALL	401668.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
2982	ALL	401688.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
2983	ALL	401708.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
2984	ALL	401728.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04
2985	ALL	401748.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
2986	ALL	401768.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
2987	ALL	401788.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2988	ALL	401808.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
2989	ALL	401828.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2990	ALL	401848.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
2991	ALL	401868.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
2992	ALL	401888.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03
2993	ALL	401908.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03
2994	ALL	401928.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
2995	ALL	401948.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
2996	ALL	401968.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
2997	ALL	401988.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
2998	ALL	402008.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
2999	ALL	402028.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
3000	ALL	402048.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
3001	ALL	402068.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
3002	ALL	402088.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3003	ALL	402108.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3004	ALL	402128.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3005	ALL	402148.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
3006	ALL	402168.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
3007	ALL	402188.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04
3008	ALL	402208.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04
3009	ALL	402228.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04
3010	ALL	402248.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
3011	ALL	402268.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04
3012	ALL	402288.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
3013	ALL	402308.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
3014	ALL	402328.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
3015	ALL	402348.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
3016	ALL	402368.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
3017	ALL	402388.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
3018	ALL	402408.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
3019	ALL	402428.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
3020	ALL	402448.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
3021	ALL	402468.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
3022	ALL	402488.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
3023	ALL	402508.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
3024	ALL	401308.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
3025	ALL	401328.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
3026	ALL	401348.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
3027	ALL	401368.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
3028	ALL	401388.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
3029	ALL	401408.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
3030	ALL	401428.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
3031	ALL	401448.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
3032	ALL	401468.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
3033	ALL	401488.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
3034	ALL	401508.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
3035	ALL	401528.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
3036	ALL	401548.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
3037	ALL	401568.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
3038	ALL	401588.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
3039	ALL	401608.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
3040	ALL	401628.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
3041	ALL	401648.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
3042	ALL	401668.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
3043	ALL	401688.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04
3044	ALL	401708.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04
3045	ALL	401728.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04
3046	ALL	401748.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3047	ALL	401768.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3048	ALL	401788.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3049	ALL	401808.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
3050	ALL	401828.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
3051	ALL	401848.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
3052	ALL	401868.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3053	ALL	401888.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
3054	ALL	401908.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3055	ALL	401928.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
3056	ALL	401948.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
3057	ALL	401968.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3058	ALL	401988.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
3059	ALL	402008.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
3060	ALL	402028.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
3061	ALL	402048.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
3062	ALL	402068.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3063	ALL	402088.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
3064	ALL	402108.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3065	ALL	402128.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-04
3066	ALL	402148.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
3067	ALL	402168.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
3068	ALL	402188.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04

#																			
3069	ALL	402208.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
3070	ALL	402228.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04
3071	ALL	402248.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
3072	ALL	402268.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04
3073	ALL	402288.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
3074	ALL	402308.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
3075	ALL	402328.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
3076	ALL	402348.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04
3077	ALL	402368.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
3078	ALL	402388.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
3079	ALL	402408.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
3080	ALL	402428.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
3081	ALL	402448.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
3082	ALL	402468.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
3083	ALL	402488.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
3084	ALL	402508.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
3085	ALL	401308.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
3086	ALL	401328.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
3087	ALL	401348.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
3088	ALL	401368.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
3089	ALL	401388.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
3090	ALL	401408.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
3091	ALL	401428.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
3092	ALL	401448.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
3093	ALL	401468.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
3094	ALL	401488.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
3095	ALL	401508.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
3096	ALL	401528.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
3097	ALL	401548.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
3098	ALL	401568.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
3099	ALL	401588.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04
3100	ALL	401608.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
3101	ALL	401628.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
3102	ALL	401648.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
3103	ALL	401668.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
3104	ALL	401688.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04
3105	ALL	401708.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
3106	ALL	401728.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04
3107	ALL	401748.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-04
3108	ALL	401768.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04
3109	ALL	401788.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04
3110	ALL	401808.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3111	ALL	401828.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
3112	ALL	401848.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
3113	ALL	401868.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
3114	ALL	401888.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3115	ALL	401908.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
3116	ALL	401928.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3117	ALL	401948.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3118	ALL	401968.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-04
3119	ALL	401988.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
3120	ALL	402008.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04
3121	ALL	402028.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-04
3122	ALL	402048.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-04
3123	ALL	402068.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04
3124	ALL	402088.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04
3125	ALL	402108.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04
3126	ALL	402128.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
3127	ALL	402148.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04
3128	ALL	402168.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04
3129	ALL	402188.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04
3130	ALL	402208.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
3131	ALL	402228.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04
3132	ALL	402248.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
3133	ALL	402268.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
3134	ALL	402288.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
3135	ALL	402308.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
3136	ALL	402328.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
3137	ALL	402348.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
3138	ALL	402368.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
3139	ALL	402388.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
3140	ALL	402408.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
3141	ALL	402428.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
3142	ALL	402448.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
3143	ALL	402468.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
3144	ALL	402488.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
3145	ALL	402508.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
3146	ALL	401308.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
3147	ALL	401328.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
3148	ALL	401348.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
3149	ALL	401368.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3150	ALL	401388.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
3151	ALL	401408.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
3152	ALL	401428.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
3153	ALL	401448.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
3154	ALL	401468.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
3155	ALL	401488.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
3156	ALL	401508.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
3157	ALL	401528.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
3158	ALL	401548.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
3159	ALL	401568.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
3160	ALL	401588.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
3161	ALL	401608.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
3162	ALL	401628.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
3163	ALL	401648.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
3164	ALL	401668.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
3165	ALL	401688.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
3166	ALL	401708.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
3167	ALL	401728.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04

3168	ALL	401748.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
3169	ALL	401768.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04
3170	ALL	401788.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
3171	ALL	401808.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04
3172	ALL	401828.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04
3173	ALL	401848.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3174	ALL	401868.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04
3175	ALL	401888.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04
3176	ALL	401908.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04
3177	ALL	401928.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04
3178	ALL	401948.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
3179	ALL	401968.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
3180	ALL	401988.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04
3181	ALL	402008.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04
3182	ALL	402028.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
3183	ALL	402048.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04
3184	ALL	402068.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04
3185	ALL	402088.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04
3186	ALL	402108.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04
3187	ALL	402128.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04
3188	ALL	402148.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
3189	ALL	402168.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04
3190	ALL	402188.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
3191	ALL	402208.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04
3192	ALL	402228.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
3193	ALL	402248.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
3194	ALL	402268.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
3195	ALL	402288.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
3196	ALL	402308.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
3197	ALL	402328.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
3198	ALL	402348.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
3199	ALL	402368.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
3200	ALL	402388.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
3201	ALL	402408.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
3202	ALL	402428.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
3203	ALL	402448.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
3204	ALL	402468.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
3205	ALL	402488.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
3206	ALL	402508.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
3207	ALL	401308.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3208	ALL	401328.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
3209	ALL	401348.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3210	ALL	401368.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
3211	ALL	401388.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3212	ALL	401408.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
3213	ALL	401428.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
3214	ALL	401448.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
3215	ALL	401468.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
3216	ALL	401488.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
3217	ALL	401508.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
3218	ALL	401528.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
3219	ALL	401548.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
3220	ALL	401568.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
3221	ALL	401588.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
3222	ALL	401608.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
3223	ALL	401628.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
3224	ALL	401648.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
3225	ALL	401668.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
3226	ALL	401688.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
3227	ALL	401708.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
3228	ALL	401728.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
3229	ALL	401748.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
3230	ALL	401768.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
3231	ALL	401788.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
3232	ALL	401808.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
3233	ALL	401828.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-04
3234	ALL	401848.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04
3235	ALL	401868.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04
3236	ALL	401888.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
3237	ALL	401908.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04
3238	ALL	401928.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
3239	ALL	401948.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04
3240	ALL	401968.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
3241	ALL	401988.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
3242	ALL	402008.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
3243	ALL	402028.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
3244	ALL	402048.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
3245	ALL	402068.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
3246	ALL	402088.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
3247	ALL	402108.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
3248	ALL	402128.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04
3249	ALL	402148.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
3250	ALL	402168.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
3251	ALL	402188.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
3252	ALL	402208.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
3253	ALL	402228.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
3254	ALL	402248.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
3255	ALL	402268.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
3256	ALL	402288.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04
3257	ALL	402308.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
3258	ALL	402328.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
3259	ALL	402348.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
3260	ALL	402368.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
3261	ALL	402388.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04
3262	ALL	402408.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
3263	ALL	402428.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
3264	ALL	402448.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
3265	ALL	402468.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
3266	ALL	402488.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04

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3267	ALL	402508.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
3268	ALL	401308.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3269	ALL	401328.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3270	ALL	401348.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
3271	ALL	401368.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3272	ALL	401388.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
3273	ALL	401408.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3274	ALL	401428.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
3275	ALL	401448.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3276	ALL	401468.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
3277	ALL	401488.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
3278	ALL	401508.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
3279	ALL	401528.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
3280	ALL	401548.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
3281	ALL	401568.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
3282	ALL	401588.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
3283	ALL	401608.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
3284	ALL	401628.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
3285	ALL	401648.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
3286	ALL	401668.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
3287	ALL	401688.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
3288	ALL	401708.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
3289	ALL	401728.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
3290	ALL	401748.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
3291	ALL	401768.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
3292	ALL	401788.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
3293	ALL	401808.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
3294	ALL	401828.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
3295	ALL	401848.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
3296	ALL	401868.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
3297	ALL	401888.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
3298	ALL	401908.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
3299	ALL	401928.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
3300	ALL	401948.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
3301	ALL	401968.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
3302	ALL	401988.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
3303	ALL	402008.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
3304	ALL	402028.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
3305	ALL	402048.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
3306	ALL	402068.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
3307	ALL	402088.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
3308	ALL	402108.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
3309	ALL	402128.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
3310	ALL	402148.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
3311	ALL	402168.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04
3312	ALL	402188.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
3313	ALL	402208.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
3314	ALL	402228.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
3315	ALL	402248.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
3316	ALL	402268.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
3317	ALL	402288.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
3318	ALL	402308.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
3319	ALL	402328.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
3320	ALL	402348.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
3321	ALL	402368.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
3322	ALL	402388.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
3323	ALL	402408.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
3324	ALL	402428.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
3325	ALL	402448.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
3326	ALL	402468.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
3327	ALL	402488.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
3328	ALL	402508.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
3329	ALL	401308.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
3330	ALL	401328.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3331	ALL	401348.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
3332	ALL	401368.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
3333	ALL	401388.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
3334	ALL	401408.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
3335	ALL	401428.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3336	ALL	401448.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
3337	ALL	401468.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
3338	ALL	401488.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
3339	ALL	401508.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
3340	ALL	401528.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
3341	ALL	401548.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
3342	ALL	401568.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
3343	ALL	401588.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
3344	ALL	401608.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
3345	ALL	401628.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
3346	ALL	401648.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
3347	ALL	401668.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
3348	ALL	401688.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
3349	ALL	401708.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
3350	ALL	401728.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
3351	ALL	401748.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
3352	ALL	401768.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
3353	ALL	401788.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
3354	ALL	401808.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
3355	ALL	401828.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
3356	ALL	401848.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
3357	ALL	401868.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
3358	ALL	401888.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
3359	ALL	401908.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
3360	ALL	401928.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
3361	ALL	401948.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
3362	ALL	401968.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
3363	ALL	401988.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
3364	ALL	402008.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
3365	ALL	402028.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04

3366	ALL	402048.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
3367	ALL	402068.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
3368	ALL	402088.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
3369	ALL	402108.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
3370	ALL	402128.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
3371	ALL	402148.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
3372	ALL	402168.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
3373	ALL	402188.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
3374	ALL	402208.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
3375	ALL	402228.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
3376	ALL	402248.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
3377	ALL	402268.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
3378	ALL	402288.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
3379	ALL	402308.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
3380	ALL	402328.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
3381	ALL	402348.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
3382	ALL	402368.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
3383	ALL	402388.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
3384	ALL	402408.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
3385	ALL	402428.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
3386	ALL	402448.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
3387	ALL	402468.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
3388	ALL	402488.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
3389	ALL	402508.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
3390	ALL	401308.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
3391	ALL	401328.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
3392	ALL	401348.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3393	ALL	401368.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3394	ALL	401388.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3395	ALL	401408.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3396	ALL	401428.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3397	ALL	401448.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
3398	ALL	401468.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
3399	ALL	401488.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3400	ALL	401508.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
3401	ALL	401528.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
3402	ALL	401548.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
3403	ALL	401568.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
3404	ALL	401588.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
3405	ALL	401608.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
3406	ALL	401628.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
3407	ALL	401648.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
3408	ALL	401668.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
3409	ALL	401688.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
3410	ALL	401708.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
3411	ALL	401728.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
3412	ALL	401748.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
3413	ALL	401768.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
3414	ALL	401788.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
3415	ALL	401808.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
3416	ALL	401828.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
3417	ALL	401848.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
3418	ALL	401868.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
3419	ALL	401888.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
3420	ALL	401908.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
3421	ALL	401928.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
3422	ALL	401948.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
3423	ALL	401968.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
3424	ALL	401988.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
3425	ALL	402008.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
3426	ALL	402028.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
3427	ALL	402048.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
3428	ALL	402068.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
3429	ALL	402088.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
3430	ALL	402108.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
3431	ALL	402128.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
3432	ALL	402148.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
3433	ALL	402168.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
3434	ALL	402188.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
3435	ALL	402208.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
3436	ALL	402228.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
3437	ALL	402248.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
3438	ALL	402268.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
3439	ALL	402288.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
3440	ALL	402308.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
3441	ALL	402328.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
3442	ALL	402348.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
3443	ALL	402368.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
3444	ALL	402388.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
3445	ALL	402408.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
3446	ALL	402428.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
3447	ALL	402448.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
3448	ALL	402468.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
3449	ALL	402488.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
3450	ALL	402508.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
3451	ALL	401308.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05
3452	ALL	401328.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05
3453	ALL	401348.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05
3454	ALL	401368.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05
3455	ALL	401388.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3456	ALL	401408.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3457	ALL	401428.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3458	ALL	401448.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
3459	ALL	401468.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
3460	ALL	401488.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
3461	ALL	401508.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
3462	ALL	401528.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
3463	ALL	401548.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
3464	ALL	401568.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04

#		X	Y	Type	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15
3465	ALL	401588.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
3466	ALL	401608.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
3467	ALL	401628.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
3468	ALL	401648.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
3469	ALL	401668.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
3470	ALL	401688.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
3471	ALL	401708.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
3472	ALL	401728.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
3473	ALL	401748.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
3474	ALL	401768.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
3475	ALL	401788.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
3476	ALL	401808.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
3477	ALL	401828.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
3478	ALL	401848.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
3479	ALL	401868.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
3480	ALL	401888.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
3481	ALL	401908.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
3482	ALL	401928.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
3483	ALL	401948.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
3484	ALL	401968.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
3485	ALL	401988.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
3486	ALL	402008.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
3487	ALL	402028.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
3488	ALL	402048.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
3489	ALL	402068.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
3490	ALL	402088.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
3491	ALL	402108.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
3492	ALL	402128.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
3493	ALL	402148.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
3494	ALL	402168.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
3495	ALL	402188.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
3496	ALL	402208.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
3497	ALL	402228.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
3498	ALL	402248.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
3499	ALL	402268.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
3500	ALL	402288.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
3501	ALL	402308.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
3502	ALL	402328.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
3503	ALL	402348.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
3504	ALL	402368.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
3505	ALL	402388.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
3506	ALL	402408.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
3507	ALL	402428.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
3508	ALL	402448.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
3509	ALL	402468.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
3510	ALL	402488.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
3511	ALL	402508.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
3512	ALL	401308.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05
3513	ALL	401328.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-05
3514	ALL	401348.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05
3515	ALL	401368.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05
3516	ALL	401388.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05
3517	ALL	401408.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
3518	ALL	401428.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3519	ALL	401448.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3520	ALL	401468.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3521	ALL	401488.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3522	ALL	401508.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3523	ALL	401528.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
3524	ALL	401548.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3525	ALL	401568.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
3526	ALL	401588.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
3527	ALL	401608.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3528	ALL	401628.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
3529	ALL	401648.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
3530	ALL	401668.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
3531	ALL	401688.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
3532	ALL	401708.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
3533	ALL	401728.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
3534	ALL	401748.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
3535	ALL	401768.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
3536	ALL	401788.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
3537	ALL	401808.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
3538	ALL	401828.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
3539	ALL	401848.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
3540	ALL	401868.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
3541	ALL	401888.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
3542	ALL	401908.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
3543	ALL	401928.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
3544	ALL	401948.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
3545	ALL	401968.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
3546	ALL	401988.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
3547	ALL	402008.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
3548	ALL	402028.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
3549	ALL	402048.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
3550	ALL	402068.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
3551	ALL	402088.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
3552	ALL	402108.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
3553	ALL	402128.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
3554	ALL	402148.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
3555	ALL	402168.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
3556	ALL	402188.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
3557	ALL	402208.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
3558	ALL	402228.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
3559	ALL	402248.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
3560	ALL	402268.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
3561	ALL	402288.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
3562	ALL	402308.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
3563	ALL	402328.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04

#		X	Y	Type															
3564	ALL	402348.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
3565	ALL	402368.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
3566	ALL	402388.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
3567	ALL	402408.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
3568	ALL	402428.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
3569	ALL	402448.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
3570	ALL	402468.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
3571	ALL	402488.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
3572	ALL	402508.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
3573	ALL	401308.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05
3574	ALL	401328.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05
3575	ALL	401348.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05
3576	ALL	401368.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-05
3577	ALL	401388.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05
3578	ALL	401408.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05
3579	ALL	401428.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05
3580	ALL	401448.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05
3581	ALL	401468.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3582	ALL	401488.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3583	ALL	401508.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
3584	ALL	401528.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
3585	ALL	401548.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
3586	ALL	401568.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
3587	ALL	401588.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
3588	ALL	401608.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3589	ALL	401628.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
3590	ALL	401648.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3591	ALL	401668.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
3592	ALL	401688.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
3593	ALL	401708.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
3594	ALL	401728.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
3595	ALL	401748.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
3596	ALL	401768.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
3597	ALL	401788.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
3598	ALL	401808.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
3599	ALL	401828.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
3600	ALL	401848.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
3601	ALL	401868.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3602	ALL	401888.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
3603	ALL	401908.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3604	ALL	401928.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
3605	ALL	401948.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
3606	ALL	401968.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
3607	ALL	401988.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
3608	ALL	402008.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
3609	ALL	402028.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
3610	ALL	402048.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
3611	ALL	402068.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
3612	ALL	402088.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
3613	ALL	402108.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
3614	ALL	402128.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
3615	ALL	402148.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
3616	ALL	402168.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
3617	ALL	402188.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
3618	ALL	402208.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
3619	ALL	402228.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
3620	ALL	402248.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
3621	ALL	402268.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
3622	ALL	402288.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
3623	ALL	402308.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
3624	ALL	402328.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
3625	ALL	402348.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
3626	ALL	402368.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
3627	ALL	402388.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
3628	ALL	402408.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
3629	ALL	402428.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
3630	ALL	402448.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
3631	ALL	402468.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
3632	ALL	402488.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
3633	ALL	402508.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
3634	ALL	401308.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05
3635	ALL	401328.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05
3636	ALL	401348.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05
3637	ALL	401368.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
3638	ALL	401388.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05
3639	ALL	401408.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05
3640	ALL	401428.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05
3641	ALL	401448.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05
3642	ALL	401468.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05
3643	ALL	401488.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3644	ALL	401508.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
3645	ALL	401528.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3646	ALL	401548.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3647	ALL	401568.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
3648	ALL	401588.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
3649	ALL	401608.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
3650	ALL	401628.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
3651	ALL	401648.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
3652	ALL	401668.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
3653	ALL	401688.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3654	ALL	401708.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
3655	ALL	401728.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3656	ALL	401748.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3657	ALL	401768.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
3658	ALL	401788.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
3659	ALL	401808.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3660	ALL	401828.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
3661	ALL	401848.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
3662	ALL	401868.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04

3663	ALL	401888.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
3664	ALL	401908.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
3665	ALL	401928.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
3666	ALL	401948.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3667	ALL	401968.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3668	ALL	401988.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
3669	ALL	402008.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3670	ALL	402028.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
3671	ALL	402048.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
3672	ALL	402068.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
3673	ALL	402088.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
3674	ALL	402108.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
3675	ALL	402128.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
3676	ALL	402148.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
3677	ALL	402168.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
3678	ALL	402188.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
3679	ALL	402208.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
3680	ALL	402228.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3681	ALL	402248.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3682	ALL	402268.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
3683	ALL	402288.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
3684	ALL	402308.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
3685	ALL	402328.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3686	ALL	402348.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3687	ALL	402368.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
3688	ALL	402388.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3689	ALL	402408.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
3690	ALL	402428.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
3691	ALL	402448.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
3692	ALL	402468.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
3693	ALL	402488.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
3694	ALL	402508.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
3695	ALL	401308.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05
3696	ALL	401328.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-05
3697	ALL	401348.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05
3698	ALL	401368.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-05
3699	ALL	401388.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05
3700	ALL	401408.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-05
3701	ALL	401428.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05
3702	ALL	401448.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05
3703	ALL	401468.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05
3704	ALL	401488.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-05
3705	ALL	401508.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05
3706	ALL	401528.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05
3707	ALL	401548.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-05
3708	ALL	401568.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05
3709	ALL	401588.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05
3710	ALL	401608.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05
3711	ALL	401628.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3712	ALL	401648.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3713	ALL	401668.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3714	ALL	401688.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
3715	ALL	401708.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
3716	ALL	401728.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
3717	ALL	401748.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
3718	ALL	401768.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
3719	ALL	401788.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3720	ALL	401808.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3721	ALL	401828.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
3722	ALL	401848.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
3723	ALL	401868.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3724	ALL	401888.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3725	ALL	401908.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
3726	ALL	401928.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
3727	ALL	401948.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3728	ALL	401968.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3729	ALL	401988.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3730	ALL	402008.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
3731	ALL	402028.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3732	ALL	402048.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
3733	ALL	402068.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3734	ALL	402088.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
3735	ALL	402108.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3736	ALL	402128.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
3737	ALL	402148.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
3738	ALL	402168.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
3739	ALL	402188.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
3740	ALL	402208.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
3741	ALL	402228.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3742	ALL	402248.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3743	ALL	402268.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3744	ALL	402288.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3745	ALL	402308.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3746	ALL	402328.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3747	ALL	402348.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3748	ALL	402368.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3749	ALL	402388.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
3750	ALL	402408.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
3751	ALL	402428.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
3752	ALL	402448.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3753	ALL	402468.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
3754	ALL	402488.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
3755	ALL	402508.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
3756	ALL	401308.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05
3757	ALL	401328.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-05
3758	ALL	401348.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05
3759	ALL	401368.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-05
3760	ALL	401388.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05
3761	ALL	401408.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05

#																			
3762	ALL	401428.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-05
3763	ALL	401448.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05
3764	ALL	401468.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05
3765	ALL	401488.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05
3766	ALL	401508.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05
3767	ALL	401528.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05
3768	ALL	401548.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05
3769	ALL	401568.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05
3770	ALL	401588.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05
3771	ALL	401608.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05
3772	ALL	401628.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-05
3773	ALL	401648.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05
3774	ALL	401668.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05
3775	ALL	401688.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05
3776	ALL	401708.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-05
3777	ALL	401728.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-05
3778	ALL	401748.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
3779	ALL	401768.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
3780	ALL	401788.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
3781	ALL	401808.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
3782	ALL	401828.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3783	ALL	401848.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3784	ALL	401868.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3785	ALL	401888.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
3786	ALL	401908.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
3787	ALL	401928.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3788	ALL	401948.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
3789	ALL	401968.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3790	ALL	401988.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
3791	ALL	402008.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3792	ALL	402028.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
3793	ALL	402048.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
3794	ALL	402068.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
3795	ALL	402088.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3796	ALL	402108.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
3797	ALL	402128.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
3798	ALL	402148.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
3799	ALL	402168.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
3800	ALL	402188.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
3801	ALL	402208.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3802	ALL	402228.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
3803	ALL	402248.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3804	ALL	402268.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3805	ALL	402288.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3806	ALL	402308.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3807	ALL	402328.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3808	ALL	402348.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
3809	ALL	402368.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
3810	ALL	402388.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
3811	ALL	402408.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
3812	ALL	402428.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
3813	ALL	402448.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
3814	ALL	402468.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3815	ALL	402488.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3816	ALL	402508.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
3817	ALL	401308.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05
3818	ALL	401328.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-05
3819	ALL	401348.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05
3820	ALL	401368.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-05
3821	ALL	401388.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-05
3822	ALL	401408.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-05
3823	ALL	401428.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05
3824	ALL	401448.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-05
3825	ALL	401468.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
3826	ALL	401488.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05
3827	ALL	401508.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05
3828	ALL	401528.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05
3829	ALL	401548.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05
3830	ALL	401568.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-05
3831	ALL	401588.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05
3832	ALL	401608.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05
3833	ALL	401628.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-05
3834	ALL	401648.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05
3835	ALL	401668.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
3836	ALL	401688.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05
3837	ALL	401708.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05
3838	ALL	401728.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-05
3839	ALL	401748.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05
3840	ALL	401768.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
3841	ALL	401788.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3842	ALL	401808.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05
3843	ALL	401828.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05
3844	ALL	401848.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05
3845	ALL	401868.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05
3846	ALL	401888.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05
3847	ALL	401908.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05
3848	ALL	401928.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3849	ALL	401948.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3850	ALL	401968.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
3851	ALL	401988.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
3852	ALL	402008.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3853	ALL	402028.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
3854	ALL	402048.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
3855	ALL	402068.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3856	ALL	402088.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
3857	ALL	402108.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
3858	ALL	402128.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
3859	ALL	402148.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3860	ALL	402168.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04

3861	ALL	402188.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
3862	ALL	402208.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
3863	ALL	402228.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
3864	ALL	402248.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3865	ALL	402268.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3866	ALL	402288.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
3867	ALL	402308.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
3868	ALL	402328.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
3869	ALL	402348.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3870	ALL	402368.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3871	ALL	402388.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3872	ALL	402408.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
3873	ALL	402428.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3874	ALL	402448.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
3875	ALL	402468.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
3876	ALL	402488.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
3877	ALL	402508.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
3878	ALL	401308.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05
3879	ALL	401328.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05
3880	ALL	401348.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05
3881	ALL	401368.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05
3882	ALL	401388.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05
3883	ALL	401408.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05
3884	ALL	401428.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05
3885	ALL	401448.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05
3886	ALL	401468.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-05
3887	ALL	401488.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05
3888	ALL	401508.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05
3889	ALL	401528.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05
3890	ALL	401548.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05
3891	ALL	401568.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05
3892	ALL	401588.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-05
3893	ALL	401608.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05
3894	ALL	401628.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05
3895	ALL	401648.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-05
3896	ALL	401668.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05
3897	ALL	401688.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05
3898	ALL	401708.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
3899	ALL	401728.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05
3900	ALL	401748.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05
3901	ALL	401768.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05
3902	ALL	401788.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05
3903	ALL	401808.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05
3904	ALL	401828.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05
3905	ALL	401848.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05
3906	ALL	401868.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05
3907	ALL	401888.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05
3908	ALL	401908.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05
3909	ALL	401928.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05
3910	ALL	401948.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3911	ALL	401968.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05
3912	ALL	401988.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-05
3913	ALL	402008.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05
3914	ALL	402028.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05
3915	ALL	402048.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-05
3916	ALL	402068.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
3917	ALL	402088.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3918	ALL	402108.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3919	ALL	402128.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3920	ALL	402148.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
3921	ALL	402168.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3922	ALL	402188.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3923	ALL	402208.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
3924	ALL	402228.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
3925	ALL	402248.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
3926	ALL	402268.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
3927	ALL	402288.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3928	ALL	402308.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3929	ALL	402328.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
3930	ALL	402348.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-05
3931	ALL	402368.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3932	ALL	402388.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3933	ALL	402408.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
3934	ALL	402428.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3935	ALL	402448.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3936	ALL	402468.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
3937	ALL	402488.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
3938	ALL	402508.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3939	ALL	401308.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05
3940	ALL	401328.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
3941	ALL	401348.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-05
3942	ALL	401368.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
3943	ALL	401388.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-05
3944	ALL	401408.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05
3945	ALL	401428.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
3946	ALL	401448.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05
3947	ALL	401468.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05
3948	ALL	401488.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05
3949	ALL	401508.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
3950	ALL	401528.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05
3951	ALL	401548.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05
3952	ALL	401568.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05
3953	ALL	401588.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05
3954	ALL	401608.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
3955	ALL	401628.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-05
3956	ALL	401648.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-05
3957	ALL	401668.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05
3958	ALL	401688.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05
3959	ALL	401708.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05

3960	ALL	401728.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-05
3961	ALL	401748.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05
3962	ALL	401768.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-05
3963	ALL	401788.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05
3964	ALL	401808.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-05
3965	ALL	401828.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05
3966	ALL	401848.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05
3967	ALL	401868.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05
3968	ALL	401888.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05
3969	ALL	401908.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-05
3970	ALL	401928.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05
3971	ALL	401948.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05
3972	ALL	401968.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05
3973	ALL	401988.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05
3974	ALL	402008.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
3975	ALL	402028.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05
3976	ALL	402048.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05
3977	ALL	402068.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05
3978	ALL	402088.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05
3979	ALL	402108.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05
3980	ALL	402128.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
3981	ALL	402148.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
3982	ALL	402168.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
3983	ALL	402188.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3984	ALL	402208.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
3985	ALL	402228.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
3986	ALL	402248.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3987	ALL	402268.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-05
3988	ALL	402288.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05
3989	ALL	402308.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05
3990	ALL	402328.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05
3991	ALL	402348.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05
3992	ALL	402368.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05
3993	ALL	402388.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
3994	ALL	402408.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-05
3995	ALL	402428.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-05
3996	ALL	402448.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
3997	ALL	402468.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3998	ALL	402488.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
3999	ALL	402508.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
4000	ALL	402116.1	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
4001	ALL	402111.6	3781632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
4002	ALL	402072.8	3781725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-03
4003	ALL	402058.7	3781777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03
4004	ALL	402061.5	3781813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-03
4005	ALL	402065.5	3781835	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
4006	ALL	401913.1	3781830	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-03
4007	ALL	401870.3	3781887	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
4008	ALL	401788.8	3781885	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
4009	ALL	401791	3781612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03